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# OPERATING LOCATION - A USAFETAC

Air Weather Service (MAC)

CELECTE DEC 1 6 1987



"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISOCS"

FT CARSON/BUTTS AAF CO MSC #724680 N 38 41 W 104 46 ELEV 5871 FT KFCS

PARTS A - F HOURS SUMMARIZED: 0500 - 2200 LST

PERIOD OF RECORD:

HOURLY DBSERVATIONS: AUG 77 - JUL 87

SUMMARY OF DAY DATA: NONE

DEC 0 1 1987

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FEDERAL BUILDING

ASHEVILLE, N.C. 28801 - 2723

87 12 14 172

#### REVIEW AND APPROVAL STATEMENT

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This document has been reviewed and is approved for publication.

FOR THE COMMANDER

WALTER S. BURGMANN

Scientific and Technical Information Program Manager

#### REPORT DOCUMENTATION PAGE

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- \*Subject Terms: \*climatology \*weather meteorological conditions winds precipitation barometric pressure sky cover temperature relative humidity paychrometric data visibility ceiling Limited Surface Observations Climatic Summary(LISOCS); Ft Carson CO; Butts AFB CO; Colorado; USCO724680.
- Assoract: A statistical data summary of surface weather observation climatology: Ft. Carson/Butts (FB) CO. This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART 1, Weather Conditions and Atmospheric Phenomena; PART 2, Surface Winds; PART 3, Ceiling and Visibility; PART 4, Psychrometric Summaries; and PART 5, Pressure Summaries. Note that PART 2, Precipitation, is omitted. See USAFETAC/TN-83-001 (AD132186), An Aid For Using The Revised Uniform Summary of Surface Weather Observations (RUSSWO), for complete descriptions of contents and instructions for use.
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Availability Codes
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#### LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY

STATION NAME: FT CARSON/BUTTS AAF CO

STATION NUMBER: 724680

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PERIOD OF RECORD:

HOURLY OBSERVATIONS: AUG 77 - JUL 87

SUMMARY OF DAY DATA: SEP 66 - JUL 87 (ALL PART TIME)

TIME CONVERSION LST TO GMT: -7

DATE PRODUCED: 19 NOV 87

CALL ID: KFCS

FOURS SUMMARIZED: DSCO - 2200 LST

OL-A/USAFETAC/HAC/AWS ASHEVILLE NC 288C1

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES .- LISOCS

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY

SUPPLEMENTAL DATA: DATA DERIVED FORM EARLIER PERIODS IF AVAILABLE, AND/OR FROM ONE OR MORE REPRESENTATIVE SITES AND COMBINED BY A METEOROLOGIST.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE RUSSNO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.
HOURLY SUMMARIES CONTAINING "TOTALS" AND "ALL HOURS" ARE ONLY FOR THOSE HOURS SUMMARIZED. IN COMPUTING THESE VALUES

THE VALUES IN THE 3-HOUR TIME GROUPS WERE ADDED AND DIVIDED BY THE NUMBER OF GROUPS.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA VISING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0901-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/IN-83-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

TABLE OF CONTENTS

STATION HISTORY

PART A: WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

PART B: SEE SUPPLEMENTAL DATA SECTION BELOW

PART C: SURFACE WIND SUHHARIES

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

SUPPLEHENTAL DATA SECTION -- SUMMARY OF DAY DATA

AWSMSC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WHO NUMBER WITH THE ADDITION OF A SUFFIX (O THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WHO NUMBER, A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WHO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAY OR USAFETAC NUMBERS WHICP UNIQUELY IDENTIFY HORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

NOTE: THE FIRST AND LAST HOUR GROUPS MAY OR MAY NOT CONTAIN ALL THREE HOURS. SEE HOURS SUMMARIZED ON COVER OR STATION HISTORY SHEET TO DETERMINE WHICH HOURS ARE INCLUDED IN HESE TWO HOUR GROUPS.

724	4680	Fort Carson Colorado/But	ts AAF			ONGITUDE 104 46W	FIELD ELEV (			72468
-		STATION LOCATION	A NC	ND. II	VSTRU	MENT	TATION	HIST	ORY	
UMBER OF		45440.0000.0000.00000.00000	TYPE	AT THIS	LOCATION	LATITUDE	LONGITUDE	ELEVATIO	N ABOVE MSL	OBS PER
CATION	, 	GEOGRAPHICAL LOCATION & NAME	STATION	FROM	TO	LATITUDE	LOAGITODE	FIELD (FT)	ET. BARO.	DAY
i	Butts AA	F, Ft Carson Colorado	AAF	Sep 66	Mar 71	38 41N	104 46W	5838	5844	12-17
2	Same		AAF	Apr 71	Mar 74	Same	Same	Same	5838	17
3	Same		AAF	Apr 74	Aug 75	Same	Same	Same	Same	17
4	Same	ı	AAF	Sep 75	Apr 84	Same	104 46W	5871	5844	17
5	Same		AAF	May 84	Jul 87	Same	104 46W	5871	5844	17
		,								
		•								
					 	}				
					<u> </u>			<u> </u>	<u> </u>	L
UNGER	DATE	SURFACE WIND	EQUIPMENT	INFORMATION						
OF CATION	OF CHANCE	LOCATION		TYPE OF TRANSMITT	TYPE OF ER RECORDER	HT ABOVE GROUND	REMARKS. AD	DITIONAL EQUIP	MENT, OR REA	SON FOR CHANGE
$\frac{1}{1}$	9 Sep 66	Located near end of Rnwy 1	2	AN/GMQ		8 Ft	<del></del>		<del> </del>	
- 1	4 May 67	Same	-	Same	RO-2	8 Ft	1			
•	4 Mar 68	Located 450 ft from center		Same	Same	Same	1			
		350 ft from end of Rnwy 12					į.			
4	4 Apr 71	Located 350 ft West of cen 1100 ft from end of Rnwy 1		Same	Same	Same				
5	Aug 75	Same	-	AN/GMQ	20 Same	Same				
	Apr 84	Located 500 ft East of cen 500 ft from end of runway			RO-36	2 21 ft				
		;								
		*		·   ·						

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WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

#### WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.

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197、最終的學校所成的行為者人自己を係る。

- 2. DATA BASED ON HOURLY OBSERVATIONS.
- 3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

#### DEFINITIONS:

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THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORMADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET. SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS. AND/OR SLEET (ICE PELLETS).

PAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE
OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY
EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SHOKE AND/OR HAZE: ALL REPORTED SHOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

OUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF.
THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA
VISIBILITY LESS THAN 5/8 MILES (1000 HETERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE HORE THAN ONE PHENOMENA PER OBSERVATION HAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS HAY EXCEED THIS COLUMN.

#### NOTES:

1. A VALUE IN THE TABLES OF ".O" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE

2. METAR STATIONS (BEGINNING IN JAN 1968) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AMS FORMS 19/10A AND TRANSHITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, HETAR STATIONS RECORDED ALL OBSERVED PHENOMENA OUT CONTINUED TO TRANSHIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSHITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICL EFFECTS THE PERCENTAGES IN THE TABLES.

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# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM FOURLY OBSERVATIONS

STATION NUMBER:	72468C STATION HAME.	: FI CARSON/BUTTS	S AAF CO		ERIOD OF PECORD: HONTH: JAN	: 78-87	
HOURS (LST)	İ	RAIN E/OR	2 08S PAIL WITH PRECIP	FOG	SHOKE E/OR BLOWING HAZE SHOW	DUST 2 C C/OR W/OE SAND TO VIST	SST TOTAL OBS
C8-CZ		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • •		•	
23-05	I						1
06-08	1	6 10.7	11.3	7.7	• 3	8	698
59-11	1	12.6	12.6	8.1	.3 .1	8	3.4 741
12-14	1	8 • 8	8 • 8	5.2	•7 •3	•	5.9 729
15-17	1	5 10.0	10.5	4.0	1.1 .6	5	5.2 658
18-20	1	11.8	11.8	4 • 2		ŧ	4.2 380
21-23	i	10.1	10-1	5.2		5	5.2 326
TOTALS	·:	2 9.1	9.3	4.9	•3 •2	5	5.3 3533
	*****	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • •	

STATION NUMBER:	72468C STA	TION NAME:	FT CARS	011/60115	AAF CO			PERIOD	OF RECORD:	. 78-87			
FOURS (LST)	I TSTE	DRIZZLE	FRZING RAIN E/OR URIZZLE	SNOW E/OR SLEET	FAIL	1 OBS WITH PRECIP	FOG	SPOKE E/OR PAZE	BLOWING SNOW	DUST 8/OR SAND	2 0BS W/0BS1 10 VIS10N	TOTAL OBS	
00-02	1												•
€3-05	1			20.0		29.0						5	
36-C8	I	•3	1.1	11.0		12.0	12.9	• 3	•6		13.7	643	
09-11	1	• 3	•9	11.7		12.1	13.0	1.0			13.7	678	
12-14	i .	. 3		9.6	• 1	10.1	10.5	•6	• 3		11.4	676	
15-17	1	• 3	.3	8.4	.2	9 • 1	7.3	1.0	•5		8 • 4	606	
19-20	i			7 . 4		7.4	5.1				5 • 1	350	
21-23	l	.6		4.1		4.8	5.7				5 • 7	315	
TOTALS	1	•3	.3	10.3	.3	3.01	7.8	. 4	•2		8.3	3273	

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

PERCENTRICE FREQUENCY OF OCCURRENCE OF REATHER COMDITIONS FROM HOUSELY OBSERVATIONS

2 STATION NURBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD-OF RECORD: 78-87 HONTH: HAR

SHOKE 2 08S W/CBST TO FRZING RAIN RAYN &/GR ŠNOW E/OR 2 08S WIIH DUST 6/0R EVOR BLONING HOURS ! LATOT ORIZZEL E/OR SLEET PRECIP PAZE SHON SAND 085 VISION DRIZZLE 00-02 | 03-05 | 05-C8 | 9.2 11.9 11.2 12.1 741 12.5 785 C9-11 1 2.3 10.4 12.5 11.6 771 12-14 1 3.2 7.1 10.4 8.2 .5 8.8 693 15-17 3.€ 7.5 10.7 4.9 . 3 5.1 7.9 10.2 5 . 2 493 18-20 | 2.5 5.6 354 21-23 | 3.4 9.0 12.4 5.6 3747 TOTALS !

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87 HONTH: APR

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HOURS (LST)/-		ORIZZLE	RAIN E/OR DRIZZLE	SNOW C/OR SLEET	HAIL	# 085 WITH PRECIP	·F O G	SHOKE E/OR HAZE	BLOWING SNOW		2 0BS W/6BST TO VISION	TOTAL 'OBS'
50-62				••••••	* * * * * * * *	** * * * * * * * *	• • • • • • •	• • • • • •	• • • • • • • • • •	• • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •
23-05	I	4.7				4.7	9 • 3				9.3	43
č6+08	I	3, 8		4.8		8.3	8 • 1	•5	. 1		8.3	732
59-11	.5	2.9		3.2		5.8	3.8	•5	.8		4.3	770
12-14	1.3	4.4		2.6	•1	7.0	2.1	.5	.8		2.5	766
15-17	2.2	6.1		3.7	.3	9.5	1.2	•4	• 1	.4	1.9	683
19-20	1.5	6.2		4.2	.2	10.5	1.0		.2		1.2	401
21-23	l	4.0		2.8		6.9	• 6				•6	321
TOTALS	.7	4.6		3.0	. 1	7.5	3.7	. 3	.3	.1	4.0	3716

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GLOBAL CLIMATOLOGY SRANCH: USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUMBER:			•				•		PERIOD OF PECORD: HONTH: MAY			,
FOURS (LST)	1 -15	STMS	RAIN- É/OR Drizzle	FRZING RAIN S/OR ORIZZLE	SNOW E/OR SLEET	PAIL	1 OBS WITH PRECIP	FOG	SHOKE EYÖR BLOWING HAZE SHOW	OUST E/OR SAND	TOBS W/OBST TO VISION	TOTAL OBS
J0-02							•••••••••••••••••••••••••••••••••••••••			•••••	•	,
63-05	!		8.5		1.4		9.9	7 - 1			7.1.	212
- 06-98	ļ	• 1	7.9		2.4		19.0	7.5			7.5	737 -
29-11	1	. 6	7.5		1.8-	•1	9 • 3	3.0			3.0	735
12-14	í	5.3	13.0		1.8	• 3	14.3	3 6 2			3.2	729
15-17	ı	5.3	13.0	•3	1.6	•2	14.6	3.4			3.4	639
18-23	ı	1.8	11.1		1.5		12.7	2.0			2.0	395
21-23	ī	. 4	15.3		2.2		12 • 1.	1.8			1.8	224
TOTALS	ı	2.0	10 • 2	•0	1.3	•1	1178	4.0			4.0	367 Ĭ

STA	IION NUMBER: 724	4680 STATI							PERIOD OF RECORD				
•••	FOURS     (LST.)	TSTKS	RAIN	FRZIŅG RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	t UBS WITH PRECIP	FOG	SAOKE BLOWING BACE SNOW	DUST 6/OR SAND	\$ OBS W/GBST TO VISION	TOTAL OBS	•
••••	60-65 l	•••••••	•••••	•••••	•••••	•••••	•••••	• • • • • •	• • • • • • • • • • • • • •	• • • • • • •	• • • • • • • •		• • • •
•	93-05-1		1.9				1.9	3.3			3.3	215	
	g6-n8	. 4	3.6				3.6	4.8	•5		5.0	773	
	69-11	.5	3.0				3.0	1.9			1.9	773	
	12-14	5.4	8.7			1	8.7	.4	• 3		•7	762	
	15-17	9.0	12.6			• 5	12.8	. 3			.3	647	
	19-20 1	6.0	7.5				7.5	.3			• 3	400	
	21-23	4.3	6.4				6.4					233	
	TOTALS I	3.€	6.3			• 1	<b>υ•</b> 3	1.6	• 1.		1.6	3803	

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### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

-:USĀĒĒTĀC, - AJR NEĀTHĒR SERVICE	JA K Č		FR	ой Йолъ	LY'08SER	VAT TONS			
STATION NURBER: 724	66C STÀŤÍON ÑI	HE: FT CAR	SON/BUTTS:	-			HONTH: JUL		
HOURS	TSTMS 67 DR12	ZLE 6/0Ř DRIZZLC	SNOW E/OR SLEET	HÃ1Ļ	X:0BS WITH PRECIP	FOG	SMOKE E/OR BLOWING PAZE SNOW	SAND TO VISION-	TOTAL OBS
că-c2			•••••		••••••	••••••	• • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	••••••
03-05		1.9			1.9-	2 • 6 -		2 • 8	212
06-08 1		•9			•9	2 ₹2	4	2.6	738
·@9=11 -	• 1	1.1			1.1	• 7	•4	1.1	737
12-14 1	5.7	6 • 4			6.4	•1	•4	•5	735
15~17	14.6	3.7		• 3.	13.7				637
18-20	8.4	10.2			10.2	•5		• 5	393
21-23	2.3	5.6			5-6	• 9		• 9.	213
TOTALS 1		5 • 7-		•8	5.7	1.0	•2	1.2	3665
STATION NUMBER: 724	68C STATION NA	HE: FT CAR	SON/BUTTS	AAF CO			MONTH: AUG	- "	
HOUPS   (LST)	TSTHS E/ DRIZ	IN FRZING OR RAIN ZLE C/OR DRIZZLE	E/OR SLEET		3. OBS WITH PRECIP	FOG	SMOKE E/OR BLOWING HAZE SNOW	DÚST ± OBS E/OR W/OBST SAND TO VISION	TOTAL OBS

HOUPS (LST)	1			FRZING . RAIN E/OR DRIZZLE	E/OR SLEET	HAIL	RECIP	F <sub>Q</sub> G	SHOKE E/OR HAZE	BLOWING SNOW	DÚST E/OR SAND	# 085 W/0851 TO VISION	TOTAL OBS	•
t0-62	1	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	•••••	••••••	••••••	•••••	••••••	• • • • • •	•••••	• • • • • • • • • • • • • • •	•
93-05	1		3.5				3.5	5 • 8				5.8	226	
66-08	1		4.0				4.0	5.5	.1			5 • S	606	
09-11	i	• 1	2.6				2.6	2 • 5				2.5	808	
12-14	1	7.4	ŭ•U			•1	6.0	1 • 3				1.3	786	
15-17	1	14.8	14.5			<b>.</b> ų	14.5	.4	•1			•6	690	
18-20	1	17.0	13.6				13.6	•5				•5	44Ô	
21-23	1	7.5	8.7				8.7	• 4				.4	253	
TOTALS	1	5.7	7.6			•1	7.6	2.3	.c			2.4	4011	

GLOBAL ČLIHATOLÓGY BRANCH USAFETAC ÁÍR WEATHÉR SERVIČE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  $\widehat{\mbox{\ \ }}$  From Hourly observations

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO-

PERIOD OF RECORD: 77-86 HONTH: SEP

-Fours (LST)	T S TĤS	DRIZZLE	FRZING RAIN E/OR EURIZZLE	SNOW C/OR SLEET	+ AIL	x-08S WITH PRECIP	F0G.	SHOKE E/OR BLOWING PAZE SHOW	DÜST G/OR SAND	Z OBS W/OBST TO VISION	TOTAL OBS
€G-02					••••			• • • • • • • • • • • • • • • • • • • •			
03-05	l .5	6.4				6 • 4-	3.4			3 • 4	203.
₫6-08	.1	5.8		•7		6.3	5 • 8			5 • 8	727
09-11 <sup>2</sup>	l <i>-</i>	4.5		.4		4.5	3.2			3 • 2-	729
12-14	1.7	3.5		•4		3.8	2.5			2.5	719
15-17	3.2	.5.0		• 5		5.4	2 • 2			2.2	625
18-20	2.7	5.6		•5		6.1	1.9			1.9	376
21-23	l 2.1	6 • 8		•5		7.3	2.1			2.1	192
TOTALS	1.5	5.4		• 4		5 • 7	3.0			3.0	3571

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86
MONTH: OCT

								HOMIF	. 001				
FOURS (LST)		RAIN E/OR DRIZZLE	DRIZZLE	SNOW E/OR SLEET	HAIL	2 OBS WITH PRECIP	FOG	FAZE	SNOW SNOW	DUST E/OR SAND	% OBS W/GBST TO VISION	TOTAL OBS	•••
83-02	1	*******	•••••	• , • • • • • • •	•••••	•••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • • •	*******	•••
S1-05	1	5.0		•6		5.5	7.7				7.7	181	
C6-C8	1	3.5		2.2		5.6	7.0		.3		7.3	738	
C9-11	1	2.3		2 • 4		4.6	4 • 3				4.3	739	
12-14	Ť .4	3.7		1.9		5.2	2.6				2.6	731	
15-17	1 .6	4.6		1.6		5.9	2.9		.2		3.0	630	
18-20	1 .3	3.5	.3	. 8		4.3	• 8				• 8	376	
21-23	1	2.5	•			2.5	1.5				1.5	203	
TOTALS	<b>ب</b>	3.6	.0	1.4		4.8	3.8		.1		3 ; 9	3598	

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-GLOBAĹ CLIMATOLOGY BRĂŅCH USAKSTAC AIŔ WEATHER SERVÍCE/MAC

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OSSERVATIONS

PERIOD OF RECORD: 77-86
MONTH; NOV STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO SMOKE E/OR BLOWING **2** 085 RAIN SNOW E/OR ¥ 085 ¥118 FRZING DUST RAIN G/OR DRIZZLE E/OR W/CBST TOTAL DRI7ZLE PRECIP (LST) PAZE SNOW VISION 50-92. 1 83-85 | 06-08-1 1.5 7.7 6.7 1.1 611 09-11-3 •2 7.6 6.2 -.5 644 • 3 12-14 1 • 5 6.4 5.3 • 2 638 15-17 1 • 7 4.5 575 18-20 | 1.3 313 21-23 | 6.0 2.8 .7 3.5 283 TOTALS | • 5 •3 5.6 6.2 3.8 306Ś

STATION-NUPBER:	72468C S	TATIO	Ņ NAME:	FT CARS	ON/BUTTS	AAF CO			PERIOD OF I		: .77-86			
HOURS (LST),		sīms	RAIN E/OR Drizzle	FRZING RAIN L/OR DRIZZLE	SNOW &/OR SLEET	HAIL	Z OBS WITH PRECIP	FCG	SMOKE E/OR BLOG HAZE SI	AOM AING	DUST &/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS	• • • • •
00-02	1	••••	• • • • • •	• • • • • • • •	** * * * * * * * *	••••••	•••••	• • • • • • •	• • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • •
£3-05	1												10	
06-08	1			•5	9.0		9 • 4	7 • 8		• 6		8.4	631	
29-11	1			•4	11.9		11.9	8.3	•6	.7		8.9	683	
12-14	1		•1	.1	11.2	×	11.2	6.9	•3 '	1.0		7.9	670	
15-17	t		•5		10.9		10.9	4.3		. 3		4.6	585	
18-29	1.				5.6		5.6	1.5				1.5	266	
21-23	1		.4		4.6		5.3	3.1				3 • 1	228	
_ LUTALS	d:	-		1.	7:6.		7.8	-47.6-	•1-	- <u>;</u> 4-		4.9	3073	

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GLOBAL CLIMAȚOLOGŶ BRANCH USAFEȚAC -AÎR REATHER SERVICE/MAC

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM FOURLY OBSERVATIONS

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	NUKBER:				•					PERIOD MONTH	OF RECORD	): 77 <del>.</del> 87	,	_	
• • • • • •	HOURS (LST)	 	1\$THS	RAIŅ	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	-HĄIL	2 OBS WITH PRECIP	Fog	SMOKE E/OR HAZE	BLOWING SNOW	DUST -&/OR -SAND	% OBS W/CBST TO VISION	TOTAL OBS	••
HAL	,AĻL	1	• • • • • • •	.2	• • • • • • • • •	9.1	*******	9.3	4,9	43-	•5	******	5.3	3533	••
√ <b>F</b> CB		1		•3	•3	10.3	•0	10.8	7.8	<b>;</b> 4	•2		8.3	3273	
MAR		1	•2	2.9	•2	8.5	•1	11.4	7.8	•1	• 4		8.2	3747	
APR	•	i	. 7	4 • 6		3.0	•1	7.5	3.7	•,3	• 3	•1	4.0	3716	
YAH-		<b>1</b>	2.0	10,2	•6	1.8-	•1	11.8	4.0				4.0	3671	
ากัห		1	3.8	6.3			1	6.3	1.6	•1			1.5	3803	
วุบเ		1	4 • 4	5.7			•0	5.7	1.0	•2			1.2	3665	
AUG		i	5.7	7.6			•1	7.6	2.3	•0.			2.4	4011	
SEP		l	1.5	5 • 4		.4		5.7	3.0				3.0	3571	
ÓCT		i	·• 2	3 • 6	. •0	1.4		4 • 8	3.8		•1		3.9	3598	
NOV		1		•5	•3	5.6		6 • Ź	3 . 8		.4		4 • 2	3065	
BFC		4		• 1	•1	7.6		7.8	4,6	•1	• 4		4.9	3073	
	TOTALS	ľ-	1.5	4 • 0	•1.	4.8	• 0	7.9	4 • 0	•1	,2	•0	4.3	42726	

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0 0 GSEE SUPPLEHENTAL SECTION (SUMMARY OF DAY DATA) FOR THESE SUMMARIES. **@** 0 Ĉ **(**2 () Θ. 0 6

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 RRRRRRR
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BIVARIATÉ PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

'DATA' DERIVED FROM HOURLY DATÁ.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS; CALH AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGÉS ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IN GIVEN EOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH; MONTPLY AND ANNUALLY (ALL YEARS COMBINED)..

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY
LIMITATIONS: WHEN VISIBILITIS EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHEN
THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".O" IN THESE TABLES INDICATES ONE OR HORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM POURLY-ORSERVATIONS ATR WEATHER SERVICE/MAC PERTOD OF RECORD: STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO MONTH: JAN HOURS(LST): 0300-0500 WIND SPEED IN KNOTS DIRECTION I (DEGREES) I HEAR 22-27 WIND . LNE ΠĘ ENE E CSE SE SSE S WSW W PNW RW RNN 100.0 100.0 9.0 VARIABLE CFLH 111111 TOTALS 100.0 TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY-BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM POURLY OBSERVATIONS

AIR SEATHER SERVICE/HAC

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STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: HONTH: JAN HOURS(LST): G600-0800 WIND SPEED IN KNOTS DIRÉCTION Ì 22-27 GE 56 TOTAL MEAN NIND (DEGREES) z :1 3.2 2. 1 •6 21.6 6.6 1.9 5.1 NHC . 7 . 6 . 1 4 . C ħΕ . 3 . 4 1.7 ENE . 4 1.1 4.3 Ł . 3 . 9 ESE . 1 . 3 .6 9.3 2.0 5.7 SE 1.3 . 4 . 1 . 1 SSE 2.1 3.7 4 . 2 1 . 1 5 1.3 . 7 . 4 4.7 4.7 SSW . 6 2.0 . 1 • 1 2.4 8.6 WSW . 7 . 9 . 3 . 1 •3 . 1 N 1.6 . 9 . 3 2.7 4.2 ZNV . 9 • 3 6.3 8.9 5.5 m 2.5 4.3 2.3 . 1 . 1 GHH 1.0 VARIABLE CALH TOTALS 100.0

TOTAL NUMBER OF OBSERVATIONS: 698

GLOBAL CLIMATOLOGY BRANCHUSAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM POURLY-OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87 HONTH: JAN HOURS (EST): 0900-1100

•••••		••••••		• • • • • • • • • • • • • • • • • • • •		n seffn	IN KNOTS		• • • • • • •	• • • • • • •			•••••
DIPECTION (DEGREES)		4-6	7-10	11-16	17-21	22-27	29-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN Wind
N	5.8	7.6	2.4	3: 9	1.2	.3	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	20.6	7.1
NNE	2.2	1.2	. 4	. 1								3.9	4 • 1
iε£	1.6	• 7	. 4									2.7	3.7
ENE	1.2	٠Ś	•1									1.9	3.0
E	.7	1 < 1	• 1									1.9	3/• 9
£.2£	.7	1.2		. 1								2.0	4.3
32	2 •, 3	2 • 3	.9	. 4								5.9	5 • C
SSE	1.9	2.6	2.8	. 7								8.0	6.C
S	2+8	3.9	2.3	1.6	• 1							10.8	6.2
ssu	1 11	. 4	<b>35</b>	• 5	•1							2.7	6.6
SW	.8	• 5	• 3			•1						1.8	5 • 4
828	.5	• 3		. 4	•1							1.3	7.8
R	.4		- 1	• 3		23	•1					1.2	13 • C
knu	• 3	• 3	• 1		• 1							•8	6.3
ii k		1 • 3	.8	• 3								3.2	5 • 2
พทน	. 2.6	4.3	1.3	. 5	• 1	•i						9.0	5 • 6
VARIABLE	`	• • • • • • •			• • • • • • •	•••••	• • • • • • •					••••••	
CTFM	1111111111	1111111	,,,,,,,,	11/1/1/11	///////	13/////	///////////////////////////////////////	1111111	11111111	///////	///////	22.1	/////
TOTALS	25.6	27.7	12.6	8.8	1.9	.8	• 1					100.0	4.6
***********	• • • • • • • • • •			******			• • • • • • • •	• • • • • • • •		• • • • • • •	• • • • • • • •	• • • • • • • • •	

TOTAL HUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

# PERCENTAGE FRECLENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM POURLY OBSERVATIONS

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STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: MONTH: JAN HOURS(LST): 1200-1400 WIND SPEED IN KNOTS DIRECTION 1:3 17-21 22-27 28-33 TOTAL MEAN (DEGREES) z WIND (i 1.5 2.1 11.7 10.8 4.3 5.5 NNE 1.1 1.2 1.5 2.5 NE 1.8 . 4 . 1 2.3 ENE . 4 2.9 4.0 ٤ .5 4.0 4.5 2.3 1.1 7.7 5 • C ESE 1.9 4.3 1.2 . 3 Sξ 5.9 1.8 . 7 10.2 5.4 5.3 16.6 6.1 3.7 2.5 13.2 7.3 S 4.3 2.3 .7 .3 8.4 SSW . 1 1.1 2.6 S¥ 1.1 • 3 3.2 9.6 .5 12.7 พรพ • 1 . 1 . 1 h . 3 . 4 .3 1.6 13.4 • 3 . 1 YNW . 1 . 3 . 1 . 7 11.0 N'A 1.0 5 . 4 • 3 HINA . 8 10.3 VARIABLE CALM 15.4 TOTALS 100.0

TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC,

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUGHY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTIS AAF CO

PERIOD OF RECORD: MONTE: JAN HOURS (LST): 1500-1760

*************		• • • • • • •	• • • • • • • •	•••••	uIN	D SPEED	IN KNOTS	• • • • • • •		• • • • • • •	• • • • • • • •	• • • • • • • • •	····
DIRLCTION (DEGREES)		4-6	7-10	11-16	17-21	22-27	28-33	34-48	41-47	46-55	GE 56	TOTAL 2	MEAN Wind
N -	1.4	2.0	2.6	2.7	•••••	.3		.2	• • • • • • •	• • • • • • •	•••••	10.2	10.3
nne	1.1	.5	.8	• 3								2.6	6•€
NE	• 9	• 6	• 9									2.3	5 • 7
ENE	.5	. 9	•2	• 2								1.7	5 • 4
٤	1.7	1 2	. 8	• 2								3.8	4.4.
383	1.5	3.5	1.4	• 3								6.7	5.5
SE	3.3	3 • 2	2.4	• 5								9.4	5 . 2
SSE	4.1	5 • 6	4.6	. 8	•2							14.6	5.6
S	2.3	5.5	3.8	1.4	•2							13.1	6.3
88%	1.1	• 6	.6	. 3								2.6	5.5
SW	.3	• 3	• 8	. 8	• 3							2.4	10.1
หรพ	2	. 5	1.1	. 9	• 3	•5						3.3	12.4
W	• 3		•2	• 6	• 5	.3						1.8	14 • 6
XNV		. 3	. 3									•6	5.8
ur.	•6	• 5	.6	. 2								1.8	5.4
NNA	.5	1.5	1.1	• 6	•2	•2						4.0	8.0
VARIABLE	1   • • • • • • • • • •   	• • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	••••••	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	
CALM	,,,,,,,,,	1111111	11111111	11111111	,,,,,,,	///////	,,,,,,,,,	,,,,,,,	1111111	///////	,,,,,,,	19.1	111111
TOTALS	19.5	26 • 6	21.3	9.6	2 • 4	1.2	• 2	•2				100.0	5 • 6
• • • • • • • • • • • • •	••••••	• • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •		• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	

TOTAL NUMBER OF OBSERVATIONS: 658

GLOBAL CLIMATOLÓGY BRANCH USÁFETAC 'AÍR MEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM POURLY OBSERVATIONS

		• • • • • • • •	•••••	• • • • • • • •	uti	ND SPEED	IN KNOTS	• • • • • • •	• • • • • • • • •	•••••	•••••	• • • • • • • • • •	• • • • • • • •
TRECTION I		4-6	7-10		17-21	22-27	28-33	34-40			GE 56	TOTAL	MEAN- WIND
, , , , , , , , , , , , , , , , , , ,	2.4	5 / 3	3,9			•••••	•••••	•••••	••••••	• • • • • • •	••••••	13.2	á.a
BNE	•3											• 3	.3 <b>.</b> €
NE -		• 5										•5	4 • C
ENC		• 3										:3	6 • C
ε	• 5		<b>å</b> 5									1.1	4.8
ב אַנ	• 3	÷3										•5	3 • 5
SE '	1.3	1.3	•5	• 3								3.4	4.8
∖SSE	1.8	.• 8	1.8									4.5	5 • 1
s į	2 • 1	2.6	1.6									6.3	5 • C
ssu	• 3	• 9	•5									1.6	6.0
S w	1.6	1.3		• 5		į.						3.4	5.1
พรม [	1.6	3 • 4	. 3	. 3		į	• 8					6.3	7.7
-	1 • 3	2 • 1	• 3	• 5	•5							4.7	6 • 7.
พทพ	1 • 8	• 3		• 3								2.4	3.8
พน	2.9	4.2	8.									7.9	, 4.5
	2.4	8.9	1.8	1.1	• 5			• 5	;			15.3	7.2
VARIABLE		• • • • • • • •	•••••	• • • • • • • •	• • • • • • •	• • • • • • •	••••••	• • • • • •	•••••	•••••	•••••	• • • • • • • • •	• • • • • • • •
CALM	111111111	(())	,,,,,,,	11111111	//////	,,,,,,,,	,,,,,,,,	1111111	,,,,,,,,	,,,,,,,	,,,,,,,	28.4	111111
101ALS [	20.5	32 • 1	12.1	3. 1	1.8		. 8	• 5	<b>.</b>			100.0	4.3

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TOTAL NUMBER OF OBSERVATIONS: 3 a G

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GLOBAL 'CLIMATOLOGY"BRÂNCH USÂFETÂC AIR ÜBEATHER 'SERVICÉ/ĤAC

PERCENTAGE FRE OLENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

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STATION NUMBER	724680	STATION	- NÀHE ;	F-T -Č AŘ ŠO	N/BUTTŠ	ÁAF CO			PERIOD MONTH:			87 ): 2100-:	2300
	* • • • • • • • • • • • • • • • • • • •	••••••		•••••••		un spern	IN KNOTS		•••••	• • • • • • • •	• • • • • • •	•••••	,
DIRECTION	1-3	<b>4</b> <del>7</del> 6	71 C	1 I' <b>-</b> 16		22-27		34-40	41247	48-55	6E 56	TOTAL	MEAN Wind
A	2.8	<b>5.8</b>	3.7	• • • • • • • • • • • • • • • • • • • •	•9,		.3	• • • • • •		••••••		1417	7;4
liti <b>E</b>	.9	•3	• 3		•6							2'• 1	8.1
NE	<b>.</b>												
ĚŅĒ	•3											• 3	2.0
٤.	٤٤٠	• 3	•6									1.2	6.0
ESE	9	.1 • 2										2.1	4 • C
Sξ	-+3	÷9	•3									1.5	5'∙ 2
SSE	• 3`	, .6	1.8									2.8	7.1
s	2.8	2 • 8	1.2	.6								7.4	5 • 1
\$SW .		1.5	.•9									2.5	5.8
รห	1.5	1.2		• 3								3 - 1	4 ; 7
KSK	1.5	• 6	1.2			•6	•					4.0	7.8
<b>p</b> í	2.5	1.2										3.7	2 • 9
ruv	1.2	• 9	• 3		• 3							2.8	5 • 3
N₩	2.5	4.0	2.8						•			9.2	5.1
NNW	2.8	9.5	5.8	1.5								19.6	6.2
	<del>.</del>	•••••	• • • • • • •	••••••		<i>.</i>	••••••	• • • • • •	• • • • • • • •	•••••	• • • • • • • •	• • • • • • • • •	
CVFH	  ///////////////////////////////////	1111111	1111111	/////////	,,,,,,,	,,,,,,,	11111111	//////	,,,,,,,,	11111111	,,,,,,,,	23.0	111111
TOTALS	20.6	31 • G	19.0	3.4	1.8	•5	.3					100.0	4.7
*********									• • • • • • • •	••••••		• • • • • • • • •	

TOTAL NUMBER OF OBSERVATIONS:  GLOBAL CLIMATÒLOGY BRANCH USAF-TAC 'AIR PÉATHER SERVICE/MAC

PERCENTAGE FREQLENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

The state of the s

STATION. NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

									HONTH:	JAN	HOURS (LS	T): ALI	<u> </u>
·······	1	• • • • • • • •	••••••	••••••	······	ID SPEEN	IN KNOTS	••••••	• • • • • •	• • • • • • • •	• • • • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •
DÍRECTION (DEGRÉES)	1-3	4-6	7-10	1 i - 16	17-21		28-33	34~4Ď	41-47	48~55	GE 56	TATAL \$	MEAN Wind
N	1 2.5	5 • 2	3.4	2.8	1.0	<i>i</i> 3	.1	.0	• • • • • • •	•••••••	• • • • • • •	15.7	7,5
	i						,,,						
RNE	1 -1 - 2	. 7	•6	• 2	• 1							2.8	5 • 3
νi£.	. 9	•\$	.3									1.7	4 • C
ENE	.7	• 5	•1	.0								1.4	3.9
ε	.8	1.1	. 4	• 0								2.4	4.4
ESĒ	5	- 2.0	1.5	. 2								3.6	5 • 1
SE	1.7	2 • 8	1.2	. 4								6.0	5.2
SSE	2.5	<b>3.3</b>	3.0	. 6	•0							9.3	<b>15 • 8</b>
s	2.4	3.5	2.4	1.2	.1							9.7	6.3
SSW	.7	• 8	.6	. 3	•6	•1						2.4	6.4
s <b>∵</b> .	8	• 7	.4	•′5	•1	•1	• 0					2.5	7.7
*S*	• 6	• 7	•5	. 4	<i>i</i> 1	•2	. 1				•	2.7	9 • 5
¥ .	.9	.6	. 1	• 3	•2	•2	.0					2.3	8.4
unv	.6	. 4	•2	. 1	.1	•0	•0					1.4	6 • 1
uz	1.3	2 • 1	1.2	• 1			.0					4.7	5 • 2
หพร	2.3	5.2	2.9	• 8	•1	•1		•1				11.5	6.3
VARIÁBLE	: : : : : : : : : : : : : : : : : : : :	•••••	• • • • • • • •		• • • • • •	•••••	•••••	• • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	
	i-												
CVTA	1//////////////////////////////////////	////////	'''''	11111111	1111111	1111111	,,,,,,,,,	///////	,,,,,,,	'''''	11111111	19.8	111111
TOTALS	21.3	30.0	17.7	8.0	1.9	•8	• 3	•1				100.0	5 • 1
• • • • • • • • • • • • • • • • • • • •								• • • • • • •		******			

TOTAL NUMBER OF OPSERVATIONS: 3533

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS GLOBÁL CLIMATOLOGY BRANCH USAFETAC ÁÍR NEÁTHER SERVIÇE/MAC PERIOD OF RECORD: MONTH: FEB HO RO: 80-81,86 HOURS(LST): 0300-0500 STATION NUMBER: 724680 STATION-NAME: FT CARSON/BUTTS AAF CO WIND SPEED IN KNOTS MEAN DNIW 22-2.7 TOTAL (DĚGŘĘEŠ) I Ņ 20.0 4 . Ç 28 • C NNE NE ENÈ Ł ESE SE .20 . 0 SSE 40.0 20.0 20.0 S 20.0 6 • C SSW SZ RIM N. NNK 20.0 20.0 **PARIABLE** CALM TOTALS

TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATÓLOGY ERANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MÁC

	1	•	•		¥ Ii	ND SPEED	IN-KNOTS			,		-	
DIRECTION		4-6	7-1 <u>0</u>	11-16	17-21	22-27	2̃8÷33	34-46	4 Î <del>?</del> 47	48-55	GE \$6	TOTAL	MEAN WIND
N.	5.3	9,6	4.4-	1.6	147	.5	. 3	.2	••••••	• • • • • • • •	•••••	23.5	7.4
NNE	•6	• 6	•2		•							1:4	4 • C
άΕ	· • · 2	.6										.8	4 • C
ENE	. 2	• 2										•3	3.5
£	: ,,5	·• \$	• 3	• Ž								.1.9	~4 <b>.</b> 5
ESE	•5	• 2	٠ŝ				•					•8	4 • C
38.	9	<b>~3</b>	•6	• 2								2.0	5 • 1
SSE	∆1 <u>.</u> 4	1.2	.8	-+ <b>2</b>								3.6	4 . 8
\$	2 • 2	1.2	•9	• 5	•2							5.0	5 • 6
șsr ,	.5	• 8	•3									1.6	4.7
sw	. 9	• 5	• 3	• 3								,Ž+0	5.5
ĸżä	.8	. 3	•5									1.6	4 • 3
w	1.6	1.2	• 5	٠ ١		•5						4 • C	6.9
นหม	• 6	. 9	•5		2							2 4 3	5.8
หน	1+4	4.0	1.1	• 2								6.7	5 • 1
RNS	5.9	13.5	6.1	1.1	• 5							27.1	5.6
VARIABLE	; ;	• • • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •		·····	•••••		•••••	•••••	••••••	•••••
CALP	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	111111	,,,,,,,	////////	1111111	,,,,,,,,	,,,,,,,,	//////	,,,,,,,,	,,,,,,,	11111111	15.6	/////
TOTALS	24.0	35 • 3-	16.5	4.4	2.5	•9	•\3	•2				100.0	5 • C

TOTAL NUMBER OF ORSERVATIONS: 643

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GLOBAL CLÍMATOLOGY BRANCH PERCENTAGE FRÉQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC FROM HOURLY OBSERVATIONS
AIR REATHER-SERVICE/MAC

1				•••••	WI	ND SPEED	IN-KNOTS						,
DIRECTION   IDEGREES)	1-3	4-6-	7-10	1 ] - 16	17÷21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN
N I	5.3	3.7	2,9	2.5	2,4	.4	.7	•••••	•••••	• • • • • • • •	•••••	18.0	9.2
une	1.0	• 9	•3	• 4								2.7	5 7
-NC -	1.3	• 9	•6									2.8	4%3
Enë	148	• 7	3	•.1								2.9	4 <b>.</b> C
> <b>i.</b>	1.6	1.8	•6									4.0	3 • 5
ESE	·2 • Ż	1'• Ç	<b>.</b> ∙6									3.8	3 • 8
SE	3.2	2.9	1.8	• 1								8.1	4.7
SSE	4 • Ç	3 • 7	4 . 3	7								12.7	5 • 6
s I	2 • 8	3.1	1.6	4.5	43	•						9.3	6.4
`SS4	1.0	·• 6	.1	.3								2.1	5.4
sw i	. 6	• 7	•7	• 9								2.9	7.9
#SW :	• 4	. 1	. 1	.6		.1						1.5	9.2
y .	. 3	.1	•1	. 3	• 3	.4	.1	• 1				1.9̂	17.3
กับส	• 3											• 3	2.0
NN :	. 7	• 6	•1									1.5	3.6
NNH .	3.4	3 • 2	•6		• 3	.1:						7.7	4.7
VARIABLE 1	• • • • • • • •	•••••		• • • • • • • • • • • • • • • • • • • •			•••••	•••••		• • • • • • • •	••••	•••••	••••
CALM	,,,,,,,,,	////////	11111111	11,11111	//////	mign	,,,,,,,,	777777	7111111	,,,,,,,	///////	17.8	/////
-TOTALS	30.1	24 • 2	14.9	7.5	3.2	1.2	. 9	• i				100.0-	5.3

IQIAL NUMBER OF OBSERVATIONS: 676

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GLOBAL CLIMATOLÔÙY BRANCH USAFETAC AIR-MÉATHER SERVICE/MAC

PERCENTAGE FŘÉQUENCY OF OCCURRENCE OF SÚRFACE MINĎ DIRÉCTION VERSUS WIND SPEED FROM HOUREY-OBSERVATIONS

· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •	••,•••,•••	********	••••	NI:	ND SPEED.	IN KNOTS	• • • • • • • •			•••••		
DIRECTION I	1-3	4 -6	7-10			22-27		_	41-47		GE 56	ŤCTAL Ž	MEAN WIND
ų Į	1.0	1.3	143	1.9	1.6		.7	•••••	• • • • • • •	••••••	••••••	8.9	1376
NŅE	1.3	, 7	•1	. 4.	•1							2.8	5.7
NE :	ĩ.c	•6	.7	• 3								2.7	5.8
Čue j	4.3	1.5	•9	• 3								4.0	5.3
ε .	1 - 8	1.9-	1.0	• 3								<b>Ś∙</b> D	4.5
ESE [	2 • 2	3.0	3.0	. 4								8.6	-6 - 1
SE ·	3 € €	5 • Ď	6.2	1,2								15.4	6.5
ŜSE	2 • 2	6.4	6.7	2.4	•1							17.8	7.,0
s !	3'∙ €	4 • 1	4 • 0	1.9	•1							13.2	6 • 8
ss#	. 4	7`	•3	• 9	• 7	• 3						3.4	11.8
SW .	• 3	. 4	. 4	• 9	•1							2.2	10.1
1859	. 4	.3	.4.	. 3	•1	.4	• 1					2.2	12.7
- <b>.</b>	•-3	. 1	71.	. 4	.1	•6	. 1	• 1				2.1	16.8
unw	• 1	• 3		• 1	• 1							.7	9.0
₩₩ .		• 1		• 1								•3	.9 • 0
พพท -	. 4			• 1	• 1							.7	<b>β •</b> 0
VARIABLE 1		•••••		•••••	• • • • • •	• • • • • • • •		*****	• • • • • •	• • • • • • • •	• • • • • • •	•••••	•••••
CALM /	1/11/11	11111111	(1111111)	11111111	1111111	1/7/////	,,,,,,,,	1111111	1111111	,,,,,,,,	11111111	10.1	/////
TOTALS	.18 6 9	26 •,6	25.3	12.1	3.6	2.2	1.0	. 1				100.0	7 (

TOTAL NUMBER OF ORSERVATIONS:

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GLOBAL CLIMATCLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

T.	· • • • • • • • • • • • • • • • • • • •	• • • • • • • •		•••••	AIW		IN KNOTS		·····		· · · · · · · · · ·	- : - • • • • •	
TRECTION   DEGREES)	1:-3	<b>4</b> -6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48~55	GE 56	TOTAL	MEAN WIND
ж <u>і</u>	1.5	1.0	2.0	2.5	1.3	2.5	.3	••••••	• • • • • • •	• • • • • • •		10.6	14.3
ine i	1.0	. 8	3.	1.0					-			3.6	7.2
NE -	3.0	• 81	.2	• 3								2.3	, 5.1
EHE	. 5	- 142	.5	• 2	~							1.3	5.9
8	2.1	2.0	1,5	• 2					•			5 2 8	4.8
£SE .	2 • 3	3.3	2 • 1	• 3		,						8.1	5.3
SE !	3.5	3.1	5 . 8	• 8								13.2	6.1
şse	2.6.	4 - 6	7.9	4.0								19.1	7.7
s	2 • 1	3 • 6	4.5	3.0						,		13.2	75.5
รรษา	. • 2	1.7	1.3	1.0	• 5					•		4.6	9.0
SW	• 3	٠ž	1.0	1.2	•3							3.0	1,1 - 1
หรม		٠ź	•5	1.2	•2			• ž	•			2.1	13.6
¥		·• 2	.7	.1 • .5	.8∗				•			3.1	13.6
<b></b>			.3:	• 2						-	`	•5	9.7
NA .		• 5		• 2	٠,٠							• 7	6 <b>:</b> 'Ś
ן צאא ו	• 2	• 6	• 5	• 3	•2	•2					•	2.1	9.3
VARIABLE	• • • • • • • • • •		• • • • • • • •	• • • • • • • • •	• • • • • • •	·····	•••••	•••••	•••••	•••••		• • • • • • • •	• • • • • • • • • • • • • • • • • • • •
CALM .	,,,,,,,,,	11711111	1,111111	///////////////////////////////////////	//////	,,,,,,,,	minn	//////	11111111	11111111	,,,,,,,,	6.6	111111
TOTALS	16.8	22 • 9	29.5	1.7.7	3.3	2.5	• 3		,			100.0	7.7

TOTAL NUMBER OF OBSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH USAFETAC .AIR WÉATHER SERVICE/MAC

STATION NUMBER: 724660 STATION NAME: FT-CARSON/BUTTS AAF CO

PERCENTAGÉ FREQUÊNCY OF OCCURRENCE OF SURFACE WIND DIRECTION VÉRSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

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IRECTION	1-3	4 ~ŏ	7-10	11-16		22 <u>-</u> 27	IN KNOTS 28-33	34-40	41-47	48-55	GE S6	TOTAL	MEAN Wind
R	2.3	••••••	••••••	••••••	1.7	.3	••••••	••••••	• • • • • • • •	• • • • • • •	• • • • • • •	15.4	9.8
*	2.3	4 • 6	2.9	3, 1	1.7	•3	• 0					13.4	7.0
BHE I	• 6	•.9-	•3	• 3								2.0	6:4
NE .	• 6	•6										1.1	3.5
12NE	•.3	.3										•6	3.5
ε ,	• 6		•									.6	2 • 0
ese i	• 3	•.9					*					1.1	4 •.0
SE ,	. 3·	<b>3.1</b>	• 6									4.0	5.4
\$SE	11	2.3	1.7	. 3								5.4	5.8
's	2.9	3 • 7	2.3									8.9	5 • 1
'SSW	2.6	و ج			• 3							3.7	3.9
รห	1.7	1.7	•6	• 6								4.6	4.9
#S#	4 . 9	2.6	1.4	. 3								9.1	4 • 3
w	3.9	2.0	2.3	. 3								8.0	4.8
KNR	•,6	1.7	1.1	3								3.7	5.8
hat	1 • 1	3.4	1,-1			•						5.7	5 • 2
1710 h	1.1	3.7	1.1		•6							6.6	6.3
VARIABLE 1		••••••	• • • • • • •	• • • • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •
1	,,,,,,,,,	1111111	(///////	111111111	//////	///////	////////		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	///////	,,,,,,,,	19.4	111111
TOTALS	24 . 3	32 • 3	15.4	5.1	2.6	• 3	.6					100.0	4 • .8

351) TOTAL NUMBER OF ORSERVATIONS:

GLOBAL CLIMATCLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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PERCENTAGE FRECUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CIRSON/BUTTS FAF CO

PERIOD OF RECORD: HONTH: FEB PO POURS(LST): 2100-23C0 WIND SPEED IN KNOTS 1 22-27 26-33 34-40 -DIRECTION | 41-47 HEAN 11-16 17-21 46-55 GE 56 TCTAL WIND ti 8.3 18.5 3.4 NNE 1.3 1.6 . 6 NÉ • 3 1.0 3.. € . 6 2.7 ENE • 3 1.0 E 1.0 .. 6 .3 4 . C ESE 1.5 3 . C . 3 1:9 SE 3.5 4.4 1.3 . 3 8.3 5.8 SSE 2.2 3.5 .1.3 1.3 S 3.2 1.9 5.1 รรพ 3.7 . 6 1.3 • 3 4.6 -1.6 4.1 SW 1.9 7.3 KSR . 6 1.6 1.9 ę 2.2 .. 6 1.C . 3 4.1 5.0 นผม 1.6 3.9 e; W i.3 5.1 4.6 2-. 2 1.6 NNS 6 . 1 3.8 5.8 VARIABLE MUAD 17.5 ///// TOTALS 1.3 1.3 . 3 .3 100.0 4.8

TOTAL NUMBER OF OBSERVATIONS:

GLOBAL CLIMATCLOGY BRANCH USAFETAC

PERCENTIGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS LIND SFEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

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PERIOD OF RECORD: KONTH: FEB PO STATION NUPBER: 72468C STATION NAME: FT CIRSON/BUTTS AAF CO POURSILST): WIND SPEED IN KNOTS MEAN 22-27 28-33 34-40 DIFECTION WIND (DEGREES) 9.8 15.6 . 2.4 5.9 .0 HNE . 9 . 3 NE . 3 1.9 4.8 . 8 • 7 1.9 4.7 . 3 FILE . 9 . 6 3.5 4:5 ξ .7 4.5 ESE 5.2 1.6 8.5 5.8 • 5 s٤ 2.3 2.8 2.9 12.0 6.6 SSE 1.6 2.4 4.2 ٠.0 9.9 6.5 S 1.4 2.9 7.7 รรพ 7.5 . 7 . 8 SW • 8 • 6 2.9 7.9 KSK . 6 . 5 . 1 .1 . 0 .0 3.5 9.7 ٠2 • 3 5 % KNh . 3 . 1 • 1 1.4 5.9 . 6 2.9 5 • € ВV 1.6 .5 . 1 NNW VARIABLE CALM 13.8 ///// TOTALS

TOTAL NUMBER OF OBSERVATIONS: 3272

CLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

									HONTP:	MAR	POURS (LS	1): 0600-	08 CO	
OIRECTION		4-6	7-10	11-16	17-21		1N NNOT: 28-33	34-40	41-47	48-55	GE 56	TCTAL	MEAN Wind	
- 2.M:	4,7	8.2	4.5	2.4	2.3	8	1.1	• • • • • • •	••••••	•••••	••••••	24.0	9.6 ^	, <b></b>
nne	.3	•9	. 4		.1							1.8	6 • 2	
нE	5	• 5	•1									1.2	3.9	
ENE	.5	3										.8	2.7	
· L	1.1	.7	.7									2.4	4.5	
ESE	!	• 1	.4									•5	6.8	
se .	.4	3	1.2	. 1								2.0	6.7	
SSE	. 9	2 • 3	- 1.8									5.0	5.6	
s	1.5	14.3	.5	. 4	•1							3.9	5.6	
esy	.8		• 3	• 4	• 1							1.6	6.7	
Sh	7	. 4	1.3	1.3	. 4							4.2	18.2	
พรห	.4	.9	. 4	. 5	•1	•1	. 4					3.0	11.4	
	1													

VARIABLE	}		• • • • • • • •	• • • • • • • •	• • • • • • • •	******	• • • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
CVFW	mmin	,,,,,,,	11/1/1/1	(1111111)	,,,,,,,,	1111111	,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	//////// 1	.7 /////
TO 1 A L S	19.7	29 . 7.	19.2	6.9	3.8	1.3	1.8		100	3.0 6.C

IOTAL NUMBER OF OBSERVATIONS:

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION-NUMBER: 724685 STATION NAME: FI CARSON/BUTTS AAF CO PERIOD OF RECORD:

3.0

WNW 2.2 11% 2.7 . 9 . 1 5.8 . 1 HNY 20.9 8.4 . 1

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

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STATION NUMBER: 724682 STATION NAME: FT CARSON/BUTIS AAF CO

PERIOD OF RECORD: 78-87
NONTH: MAR POURS(LST): 0900-1100

,		• • • • • • •	•••••	•••••	11w		IN KNOTS	• • • • • • • • • • • • • • • • • • •	· • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••	•••••	•••••
UIRECTION (DEGREES)		4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TCTAL 3	mean Wind
ti.	4.1	2.2	1.9	4.3	2.4	2.5	.9	•1	• • • • • • •	• • • • • • •	•••••	18.5	12.6
une	.6	1.5	1.0	• 6	.3							4.1	7.3
NE	2.0	, :.1	.8		,							3.9	4 - 1
ENE	1.7	• 9	• 6	. 1								3.3	4.7
ε	2.4	2 • 4	•9	. 3								6.0	4.5
ESE	1.1	1.9	1.8									3.9	5 • 6
SE	2 • 3	3 • 2	2.4	. 1	• 1							8.2	5.5
SSE	1.8	4.7	3.7	1.7								11.8	6.6
s	2.7	4.2	2.5	1.0	.1	-1						10.7	6.3
<b>882</b>	.9	• 5	• 3	1.1	۰,	•ti						3.7	11.0
ระ	.6	• 4	. 4	. 6	1.1	•1	• 1					3.4	12.6
usu	.3		• 1	. 5	•9	.4	.4					2.5	18.C
ਖ	_ • 3	• 1		. 8		• 3	• 1					1.5	14.7
unk	i	• 3		• 1	•1							•5	10.2
N¥	•1	• 4	. 3									-8	5.5
Mn	1.8	• 8	• 9	• 8	•1		• 3	• 1				4.7	8.6
VARIABLE		• • • • • • •	•••••	•••••	• • • • • •	•••••	• • • • • • •		• • • • • •	•••••	• • • • • • • •	•••••	
CALE	1111111111	///////	11111111	,,,,,,,,	///////	1111111	7777777	11111111	1111111	11111111	1111111	12.4	111111
214101	22.7	23.7	17.6	12.1	5.7	3.8	1.8	•3				100.0	7.4
	•	• • • • • • •		• • • • • • • •		• • • • • • •					• • • • • • • •		

GLOJAL CLIMATOLOGY BRANCH ÚSAFETAC AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED-FROM HOURLY OBSERVATIONS

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STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: MONTH: MAR PO RD: 78-87 POURS(LST): 1200-1400

•••••		• • • • • • • •	••••••	• • • • • • • •		ND SPEED	IN KNOTS		· • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	• • • • • • • •	••••••
DIRECTION (DEGREES)		4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TGTAL Z	HEAN Wind
li	. 6	1.3	3.2	2.9	2.2	2.3	1.0	•1	•••••	•••••	• • • • • • •	13.7	15.3
หทย	1	1.0	.9	• 8	- 1							3.5	7.9
HĘ	.5	3•	1.0	. 4	• 1							3.0	7.6
ENE	. 5 I	1.3	.5	. 1								2.5	5.4
c	1.2	4 • 2	1.2	. 3								6.7	5 • 3
rse	1.7	3.9	2.6	• 9								8.9	6.3
se	1.6	2.7	3.1	2.3								9.7	7.5
SSE	2 • 1	3.9	4.7	3.6	•3							14.5	8.1
S	1 . 2	3 • 4	3.8	3.1	• 4	•1						11.9	8.7
SSW	3. I	1.2	• 9	1.2	•5	•4						4.9	9 • 9
S#	l .4	. 4	1.4	1.3	1.2	•8	. 1	•1				5.4	14.6
WSW	٤. ا	• 3	• 3	• 5	1.0	•6	- 1					3.1	16 • 3
*	! !	• 3	•5	• 1	•4	•8						2 • 1	16 • .1
KNW	<b> </b> 	• 3		• 1	• 1							•5	9 • 8
11%	• 1	• 1	•5	• 1	•1							1.0	8 • 9
หทร	l .s	• 1	1.2	1.3	•5		• 1					3.8	12.C
VARIABLE		• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •		•••••	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • • •	•••••
CILH	1111111111	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	1111111	,,,,,,,	///////	,,,,,,,	4.5	111111
TOTALS	12.2	24 • 9	25.8	18.8	7.0	5.1	1.4	. 3				100.0	9.3

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS GLOSÁU CLIMATOLOGY BRANCH USAFETAC

AIR REATHER SERVICE/MAC

STATION NUMBER: 724683 STATION NAME: FT. CARSON/BUTTS AAF CO PERIOD OF RECORD: MONTH: PAR HOURS(LST): 1500-1700 WIND SPEED IN-KNOTS DINECTION | (DEGREES) | 41-47 48-55 GE '56 TCTAL MEAN 22-27 28-33 WIND z N 14,1 -15.7 1.. 2 2.0 5.3 4.0 1.6 . 1 ŃŃE . š . 4 . 9 . 7 . 1 2.5 7:5 NE 13 1,0 • 9 , 1 2.3 6.6 ENE • 9 . 3 5 • C £ . 7 1.3 1.0 • 3 6 • 1 ESE . 7 1.3 3.6 1.3 6.9 8.3 8.9 SE 4.2 1.4 3.2 3.3 9:1 8.6 SSE . 6 4.0 5.5 3.3 . 3 13.7 Ś 6.3 3:0 . 3 8.5 SSK 1.0 .9 1.6 • 9 10.5 S% 1.2 1.0 1.0 11.1 . 6 ผรพ • .3 . 3 . 4 1.0 . 7 . 3 3.0 13.2 . 3 . 4 1.3 . 4 12.6 1.2 .6 4.2 WNW, . 3 • 3 . 4 • i 12.3 ИX a P 1.2 11.4 DNG VIRIABLE CALM RJATOT 100.0

TOTAL NUMBER OF OBSERVATIONS: 693

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GLOBAL CLIHATOLÓGŸ BŔANCH USAFETAC AÎR ŅEÄTFER SERVICE/MĀÇ

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87 HONTH: MAR HOURS(LST): 1800-2000

IRECTION I	1-3	4-6	7-16		17-21	32-27		34-40	41-47	48-55	GE 56	TOTAL	ME AN ME AN
N .	,	4.5	3.2	5.2	1.5	.1.7	• • • • • • •	• • • • • • • •	• • • • • • • •			18.9	10.1
sint 3	7	1.2	1.0	• 5								3.5	6.6
ne	1,0	. • ź	.,2									1.5	3.2
ERE	• • z			• 5								, 1.0	ź.8
ε	1.5	<b>;</b> 7	•5									2.7	4 • Ĉ
EZE									,			• 5,	1.5
st, j	. ñ	1.Š	2.0									4.2.	6 . 1
sse	2.0	ž•7.	1.0	• 5							_ '	6.2	5 • 5
s i	2.2	3 • 2	1.0	• 5								6.9	5.4
SSW	2.5	1.5	1.2						•			5.2	4.4
รห	2+0	2.2	.7	• 5		•2		•				5.7	5.9
KSW	Ź• 2	1.7	•5	• 5	•2	•2						5.5	6.3
W .	3.€	4.0	• 5	1.5								8 • 9	Š.6
นหน	1.0	2.0	1.0									4.0	5 • 1
เล	7	1.2	.5									2.5	5 • 2
nua	2.2	3.0	1.5	• 2	•2							7.2	5 : 3
VARIABLE	••••••	•••••	• • • • • • • •		• • • • • •	•••••	• • • • • •	• • • • • • •		•••••	•••••	•••••	• • • • • • •
CAL"	111111111	1111111	,,,,,,,,	1111111	1111111	,,,,,,,,,	//////	штр	11/1////	///////	///////	15.6	///////
TOTALS	25 • 3	30.0	14.9	9.9	2.0	2.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS:

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GLÓBAL CLIMATOLOGY BRANCH ÚSAFETAC ÁIR WEATHER SERVICE/MAC

PERCENTAGE FRE QUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

78-87

STATION NUMBER: 724580 STATION-NAME: FT CARSON/BUTTS AAF CO

	,					•			HONTH:	HAR	HOURS (LS	T1: 2100-	2300	
		• • • • • • •	••••	••••••	• • • • • • •	 0 COEFÓ	ÍN KNOTS	• • • • • • •	• • • • • • • •	••••••	••••••	• • • • • • • • • • • • • • • • • • • •	•••	•
DINECTION LOSGREES 1		4 -6	7-16	11-16	17-21	22-27	28-33	34-40	¥1-47	48-55	GE 56	TOTAL	MEAN WIND 4	
		2.6	6.2	2.3	8.	.8		3		••••••	••••••	15.3		٠
	1			200	• •		• •	• • •			-		•	
363	l. •6	:,5	• 3						-			7:1.4	4 • 2	
ng	j.	1 • 1		4								1.1	4.3	
ENE	.8	<i>≨</i> •8										1.7	3.8	
٤	.3	• 3	• 3									•8	5 • ¢	
ESE	.8		• 3				-					1.1	3.8	
st -	.8	1.4	•6			•						2.8	5.0	
SSC	- <u>,</u> 8	1.4	2.5	• 6								5 • 4	7 • 1	
S	1.7	2 • 3	1 • 4	. 3								5.6	5 • 4	
รรษ	. 6	-1 • 4	1.1							-		3.1	5 • 8	-
SW	1.1	1.4	.8	. 6					-			4.0	6 • 4	
HSW	3.1	1.1	2.3	. 6	•6							7.6	6.7	
ដ	2 • 8	2.8	1.7	• 3								7.6	459	
พทษ	.6	290	• 6						*			3.1	5 • 3	
กษ	.3	2.5	2.0				-					5.4	5 . 8	
นูตภ	2.3	4 • 5	2.0	• 3	. 3	•3						9.6	6 <sub>†</sub> C	
VARIABLE I	, , , , , , , , , , , , , , , , , , , ,	• • • • • •	•••••	• • • • • • • •		• • • • • •	• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • •	•
1	i ////////////////////////////////////	,,,,,,,	,,,,,,,,	,,,,,,,,		· ,,,,,,,	,,,,,,,,,	1117177	,,,,,,,,			24.7	111111	
Í	l						,,,,,,,,,	,,,,,,,	,,,,,,,		,,,,,,,,	44.3	,,,,,,	
TOTALS	19.8	25 • 7	22.0	4.8	1.7	1.1	• 3	•3				100.0	5 • C	
	• • • • • • • • • • •	• • • • • • •	••••••	• • • • • • • •		• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • •	•

TOTAL NUMBER OF OBSERVATIONS: 354

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GLOBÂL CLIMATOLOGY BRANCK -PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETAGE FROM HOURLY OBSERVATIONS
-ALB WEATHER SERVICE/MAG

STATLON NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: MONTH: MAR HOURS (LST): NIND SPEED IN KNOTS MEAN 43-47 O IRECTION 22-27 28-33 GE 56 TOTAL -(DEGRE CS1- 1 1 17.8 2.7 3.3 ij 3.3 1.7 11.8 3.7 2.4 NNE íŚ, • 7 . 4 . 1. 2.9 7 . 1, ΝĒ ٠ ٤ .0 2.4 5.4 • 8 .6 . 1 1.9 4.9 ENE . 7 • 3 • 8 . 1 · E 11.3 4:1 5 . C 1.8 .8 • 2 4.2 rse • 9 1.3 1.7 . 4 6.6 SE 2.2 1.1 •0 6.5 7.1 193 1.8 SSE-1.4 3.4 3.4 1.8 10.2 7.4 . 1 ۶, 1.8 2.9 2.8 1.6 . 2 9.4 7.4 .1 SSW 1 • C • 8 .7 . 9 . 4 •2 3.9 8.5 S٧ .: 9 . 7 1.6 1.0 •3 . 1 .0 4.7 11.C 222 . 6 • 6 • 5 • 6 •3 . 2 3.6 11.8 Ģ6 × 1.1 .6 . 7 3.8 9.2 . 8 • 2 •3 • 0 KNV . 3 • 9 •2 . 1 . 1 .3 1.6 6.6 NH . 6 1.0 8. . 1 ٠0 •3 • 0 2.6 6.6 nur . 1 .0 CALM TÔTALS 100.0 5.3 3.1 1.1 . 1 7.4

TOTAL NUMBER OF OBSCRVATIONS: 3747

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PERCENȚAGE FRECUENCY OF OCCURRÊNCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVAȚIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR LEATHER SERVICE/HAC PERIOD OF RECORD: STATION NUMBER: 72466 C. STATION NAME: FT- CARSON/BUTTS AAF CO MONTH: APR HOURS (LST): 0300-0500 WIND SPEED IN KNUTS MEAN WIND DIRECTION 7-16 17-21 22-27 28-33. 34-40 41-47 GE 56 (DEGREES) \* 7:0 2.3 Í8.6 12,.8 2.3 NNE NE ENE ε 2.3 3 . C 2 • 3 CSE 7.Ô 4.7 SE 2 • 3 2..3 2.3 7.C ·\$\$£ 2.3 2.3 ۰**S** 2.3 2.€ SSW 2.3 4 . C 2.3 2.3 4.7 5% KSW 2.3 1 • C 11117 2.3 un 2.3 7.0 6.7 RNA VARIABLE CALH

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TOTALS

TOTAL NUMBER OF OBSERVATIONS:

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GLOŚAL CLIMATCLOGY BRANCH "USAFETAC "AIR YEATHER SERVICE/MĄC

PERCENTAGE FREQUENCY OF OCCUPRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STÁTION NUMBER: 724669 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: MONTH: APR HOL HOURS(LST): 0600-0800

	 	••••••	• • • • • • • •	•••••			IN KNOTS			••••	• • • • • • •	•••••	•••••
DIRECTION I	i 1-3	4 <del>-</del> 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47.	48-55	GE 56	TOTAL	MEAN
R	*6°. 8	8.6	4.6	4. 5	1.4	.4	.4	.5	•••••	••••••	••••	27.3	8.3
HNE .	1.8	1.0	<b>~3</b>	• 1								3.1	4 • C
'NE ~	7.1	. 9	÷3									1.8	3.7
รูห์ธ ู	1.1	• 7	.1									1.9	3.2
٤	.,7	5	.3									1.5	4 • C
ESE	4	<b>;</b> 4	.1									1.0	4.6
sc s	.7	1.9	3.	• 1								3.6	5.4
sse	´ .8	2.9	1.4	. 4	•1							5.6	6.1
s	1.1	210	1.1	<b>∔</b> 8	•1	-						5 • 2	8.6
SS#.	• 5	• 8	1.1	• 4								2.9	6.5
S¥ 1	17.0	. 4	. 4	• 1	.1	•1						272	6 • 9
พรพ	•5	.5	<b>43</b> °	• 4	•1			.1				2.0	9. 3
ជ	•5	1.1	.1		•1.		•					1.9	5.4
<b>พทพ</b>	· i.c	. 7		• 1								1.8	4.4
NX	. 7	2 . 5	1.0	. 4								4.5	5 • 8
nnw	3.8	7,. 7	5.9	1.6	• 7	•\$						20.2	7 • 2
VARIABLE	i • • • • • • • •,• • • 	•••••			• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	•••••	• • • • • • • •	•••••	• • • • • • • • •	
CALM	1111111111	///////	(11)1111	11111111	7777777	,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	13.5	111111
TOTALS	-22.5	52 • 1	17.8	9.2	2.7	1-1	.4	.7				100.0	5.9
				• • • • • • • •	• • • • • •							• • • • • • • •	

TOTAL NUMBER OF OSSERVATIONS:

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GLÓBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC FROM HOURLY OBSERVATIONS
ATR'S MEATHER SERVICE/MAC

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 78-87 HONTH: MAY HOURS(LST): 0300-0500

	ľ		-		'- It	B SPEED	IN-KNOT	s ´	_				
DIRECTION (DEGREES):		:4 -6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE S6	TCTAL	MINĎ We un
. 954		• • • • • • • •	••••••••	•••••	• • • • • • • •	•••••••	• • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	•••••	•••••	•••••	•••••
Ň	3.3	6.6	3.3	2.4	• 9	•5						17.0	7.4
KNE	2.4	• 9			_							3.3	ޕ9
NE -	.5											• 5	2 • C
ENE .	į	• 9										• 9	6 • Ĉ.
<b>∙</b> ε `	. 5	• 9										1.9	3.5
ĘSĘ	į												
ŞĒ	.5	1'• 4	•5	-								2 • 4-	5.2
'SSE	.5	1.4	• 9	• 5								3.3	6 • 4.
S	2.4	3 • 3	• 9									6.6	4 • 6
SSK	5	• 5		•								.9	4 • C
SW.	1.4											1.4	1 • 3
kèk	;		.5	• 5								• 9	10.5
¥ .	1.4	1.4	•5	• 5								3.8	5.4
นแน	.9	2 • 8										3.8	3.8
nv	2.4	4.2	2.8		• 5							9.9-	5.7
KNW	542	15.6	9.0	. 9		•5						31.1	6.1
-VARIABLE		• • • • • •	•••••	•••••	• • • • • • •	• • • • • • • •	• • • • • • •	••••••			•••••	·••••••	•••••
CAL."	,,,,,,,,,	/////////	11111111	/////////	,,,,,,,	(111111)	1111111	11111111	,,,,,,,,	,,,,,,,,	,,,,,,,,	12.3	111111
TOTALS	22.2	40.1	18.4	4.7	1.4	.•9						100.0	5.1

TOTAL NUMBER OF OBSCRIVATIONS: 212

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GLOBAL CLIMATOLÓGY BRÁNCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS 0 AIR WEATHER SERVICE/MAC Ŧ STATION NUMBER: 72468C STATION NAME: FI CARSON BUTTS AAF CO PERIOD OF RECORD: HOURS (LST): 0600-0800 0 WIND SPEED IN KNOTS , DIŖĘĆTION. 22-27. 28-33 TCTÁL 0 TOEGREES ) 31 z 5.8 6.6 5.6 2.6 41.5 1.1 23.6 C 1.9 NNE 4.1 . 1 3.1 'NE 1:2 . 5 1.8 6 ENE 1.2 • 3 • 1 2.8 Ó Ę 41.9 1.2 . 1 ESE 1.4 . 1 • 3 2.0 • 3 SE 1.6 1.6 1.1 4.7 . 4 Ō SSE 1.4 1.4 1.9 . 5 5.2 0 S .1 . 4 1.2 2 • C 5.2 . 555 . 3 • 3 1.5 0 S¥ . 7 . 7 **; 1** 2.3 พรพ 1 • 1 O . : ¥ . 3 • 3-2.0 0 KNK • 5 . 1 1.2 . 1 4.2 C NK 2 . 3 1.5 . 4 3844 5.3 2.0 ..1 -16.7

TOTAL NUMBER OF OBSERVATIONS:

HEAN-WIND

7.9

3 . 1

3.0

3.9

3 . 3

6.0

5.3

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TOTALS

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS GLÓBAL CLIMATÓLOGY ERANCH USAFÉTAC AJR WEATHER SERVICE/HAC

PERIOD OF RECORD: STATION NUMBER: 72468G STATION NAME: FT CARSON/BUTTS AAF CO HONTH: PAY. HOURS(LST): 0900-1100 WIND SPEED IN KNOTS 21 22-27 28-33 DIRECTION LOCGREESI 11-16 17-21 'GE 56. TOTAL ÉEAN WIND ı ...... N 11.2 3.1 1.5 1.9 1.0 11.6 1. 8 2.5 NNE : 3 . 7 8.6 1.5 3.4 . 8 3.0 ΝĘ **.**′5 5 • C . 8 . . 7 JH3. 8. 1.9 .7 ~ 1 3,+5 5.4 £. 2.3 2.5 1.1 .6.0 4.5 ESE ź.z 3.0 1.8 **.** 7 8.0 6.0 SEC: 2.4 5.9 13.2 3.9 6.0 . 8 SSE 3. 7 176 4.6 14.7 4.8 6.4 S 3. 1 14.1 7:8 1.9 3.9 5.0 . 1 SSK .8 1.1 3.G 12:-1 SS . 7 • 3 3.7 11.1 . 5 .,7 2.7 12.1 •3 ¥ • 5 • 3 1.5 10.2 NNK . 1 . 1 . 7 16.6 . 3 Nº . 1. . 3 .7 4.8 • 3 BNA 1G.6 VARIABLE CALM 7.2 111111 100.0 TOTALS 7.3

SUCTION SERVICE SO THE SERVICE 
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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHÉR SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

	• • • • • • • • • •	•••••	****	• • • • • • • •	··········		IN KNOTS			• • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • •
PRECTION I	1-3	4-6	7-10	11-16	17-21-	22-27	28-33		41-47	48-55	GE 56	TOTAL	ME AN Uniu
n- 1	. 7	8	2.7	4.0	1.4	1.6	.4	•••••	•1			11.8	14.2
HNE I	• 5	.8	1.0	1.0	• 1							3.4	8 . 2
NE !	• 3	•8	1.2	• 5								2.9	7.9
ENE 1	• 3	1.4	• 5	• 1								2.3	6.1
ιį	1 • 4	3 • 4	1.4	.• 7	•1							7.0	6.3
ESE	1.2	2.5	1.9	• 8	• 4							6.9	7 <b>.</b> C
SE i	1 • C	3.7	5.6	2.3	• 1							12.8	8 • C
sse ,	1.2	3.4	4.7	4.5	• 3							13.6	8.4
s 'i	1.5	1.5	5.2	4.5	•5							12.8	9.6
ssw i	• 1	.8	1.5	2 • 6	•8							5.9	11.8
SW	• 3	• 1.1	2.1	1.0	• 8	•3						5.5	10.9
RZK	• 3	. 4	•5	1.1	•5	•3	. 1					3.3	13.C
ង រ៉ុ	. 4	• 5	• 4	• 1	•5	•1	. 1					2 • 3	11.2
ะแน	• 3	• 3	-1	. 4								1.1	8 • 4
ux	. 4	• 3	.1	. 4		•1					•	1.4	9.2
nnv i	• 1	• 3	1.5	1.0	. 4							3.3	11.1
VARIABLE	• • • • • • • •	•••••	•••••	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	•••••	•••••	• • • • • • •	• • • • • • • •	• • • • • • • •	•••••
CALII	,,,,,,,,,	,,,,,,,,	///////	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,,	1111111	11111111	//////	,,,,,,,,	3.8	,,,,,
TOTALS	9.5	22.1	30.6	24.6	6.2	2.5	.7		. 1			100.0	9.2

TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

78-87

Nr.

STATION-NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

HONTH: HAY HOURS (LST): 1500-1700 WIND SPEED IN KNOTS 22-27 41-47 GE 56 7-10 28-33 34-48 48-55 TOTAL DIRECTION 4-6 11-16 (DEGPEES) 4 UNIN 15.5 11.8 2.3 •5 . 3 .2 24 . 2 2.7 4.7 3.8 4.7 9.4 NNE **46** .5 1.6 2.3 2.2 6.6 ħΕ • • 3 . 9 з. •2 • 5 ENE . 3 1.4 8.8 . 6 3 2.3 . 3 • 6 . 8 1.6 6.7 8.1 ESE 2.5 1.3 **.**2 . 6 2.2 • 5 9.7 9.2 SĘ 1.9 2.7 3.0 3.1 2.3 10.8 8 • C SSE 1.1 3.8 8.5 1.9 3.9 3.1 •2 2.2 ٠Ş 10.3 6.4 SSW 1.9 1.3 . 9 • 3 . 6 1.4 11.5 5% . 3 1.6 • 9 2.5 6.6 WSW . 5 1.9 . 3 ٠2 4 . 4 11.6 • 2 4.1 10.8 ¥ . 9 . 2 . 3 . 6 . 3 1..7 2.0 10.2 RNE • 2 1.3 • 6 नसप्र .5 ٠3 1.1 8.9 1.3 NNW 1.1 VARIABLE 3.3 ///// CALM 100.0 TOTALS 26.1 . 2

GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS-WIND SPEED FROM HOURLY OBSERVATIONS

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IPECTION DEGREES		4-6	7-10	11-16		22-27	28-33	34~46		48-55	GE 56	TOTAL	ME AN Oniw
, , , , , , , , , , , , , , , , , , ,	1.8	2.5	5.1	5.6	1.5	.5	••••••		•••••	• • • • • • •		17.0	10. i
NNE -	1.0	1.5	£.3									3.8	5.6
NE	1.0	• 8	• 3								*	2.0	4 . 1
EüE	5	1 <u>;</u> G	3									1.8	4.6
L	1.0	1.5	•8	. 6								4.3	6.6
CSE	.3	2.0	•5		.•\$							3 • 3	7.3
SE	2.3	2.0	1.0									5.3	4 . 3
SSE	.5	2.0	1763	1.0	• 3	• 3						5.3	8.5
S	1.8	2.0	1.0	• 5							•	5.3	5.2
SSW	4.5	1.3	• 5									3.3	4.2
\$¥	.5	1.5	2.3	.8								5.1	7.2
wsw	1.5	2.0	1.0	1.0	• 3							5.8	6.7
c	1.3	4 - 1	2.0	1.0								8.4	6.2
run	8	1.8	1.0	. 8								4.3	6.6
na	8 . 8		1.5	. 3								2.5	7.1
มหษ	2.5	3.0	5.0	1.3	1.0	•8	. 5					11.1	9.6
VARIABLE			•••••	•••••	• • • • • •	•••••	•••••	• • • • • • •	• • • • • • • •	••••••	••••••	• • • • • • • • •	
CFFE	111111111	////////	1111111	11111111	1111111	,,,,,,,,	///////////////////////////////////////	7/////	11111111	1111111	11/1/1///	11.4	111111
STALS	19.0	29.4	21.8	12.9	3.5	1.5	.5					100.0	6 - 5

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR XEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

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STATION NUMBER	72468C	STATION	HAMĘ:	FT CARSO	4/8UTTS	AAF CO			PERIOD HONTH:	OF RECOR		-67 []: 2130-	2300
DIRECTION ( (DEGREES)	1-3	ч- <sub>р</sub>	7-16	11-16	WI! 17-21	32-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
**********										• • • • • • •	•••••		
N	1.8 I	4.5	6.7	3.6	1.8	1.3						19.6	10.C
nne 🛸	1.3	. 4	.4				*					2.2	3.6
NE	.4	. 4	• 9				ì					1.8	5 • C
EHE	• •	• 9	.4									1.3	6.3
£	٠۶	2.7	.9									4.5	5.5
ESE		.9			.4							1 • 3	10.0
SE	۰,۶	1.3	4									2.7	4 • C
SSE	.4	.9	.1.8	. 4								3.6	6.9
S		2.2	2.2	. 9								5.4	7.7
SSW	.4	2.2										2.7	4 • 5
24	1.2	1.3	• 4			~						3.1	4 • C
WSW	4.0	2.7	2.2	, 4								9.4	5 • 2
ń	. 9	4.9	. 4	• 9								7.1	5.6
run.	.9	. 4	• 9									2.2	5 • 4
их	2.2	2.2	2.2									6.7	4.9
Kux	2.2	3.6	3.6	3.6	•9		. 4					14.3	9.6
VARIABLE													
CVTN	,,,,,,,,,	7/1////	1111111	111111111	///////	///////	///////	////////	11111111	11111111	////////	12.1	111111
214101	17.0	31.7	23.7	9.3	3.1	1.3	. 4					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATGLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

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PERCENTÄGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PEPIOD OF RECORD:

78-87

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

MONTH: MAY HOURS (LST): ALL WIND SPEED IN KNOTS 41-47 DIRLCTION 11-16 22-27 28-33 34-4G 48-55 GE 56 TOTAL HEAN (DEGREES) NIND н 10.3 2.3 4.0 3.6 • 8 16.1 NNE 1.0 1.0 . 7 . 1 3.5 • 8 6.9 NE . 7 . 1 . 7 . 6 .0 2,1 5.6 BAB . 5 1.1-. 4 . 2 2.2 ε 2.0 1.1 • 3 •0 1 • 3 . 1 6.0 ESE . 9 2.0 1.3 5.0 .. 6 .2 .9 6.9 6.9 SΕ 1.6 2.3 2.8 1.2 . 1 8.6 SSE 1.6 2:9 3.1 1.8 •2 •0 9.5 7.4 5 1.5 2.3 3.4 2.3 • 1 .0 SSW . 4 . 8 1.0 1.0 9.9 3.8 . 9 1.2 . 6 . 9 . 1 9.9 . 6 . 9 4.2 KSK . 7 . 8 . 9 . 7 • 3 . 1 . 9 3.4 9.7 W • 6 1.1 .8 • 6 • 2 . 0 8.3 RNR . 5 . 3 . 1 • 0 7.7 l. ñ . 7 1.0 . 2 . 2 .0 .9 2.7 5.6 NIIW 3.0 2.3 7.8 VARIABLE CALP 9.8 111111 TOTALS 100.0

PERCENTAGE FREQUENCY OF OCCURRÊNCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USACETAC AIR ZEÁTHER SERVIČE/NAC

									HONTH:	JUN	HOURS (LS	71: 0300-	05 00
DIRECTION OF THE STREET		4-6	7-13	11-16	WĨ	ND SPEED 22-27	Iń KNO 28-33	TS	41-47	48-55	ĞE -5 <sub>6</sub>	TCTAL	MEAN WIND
	, <u></u>	• • • • • • • • • • • • • • • • • • • •	•••••••		••••••	••••••	••••		•,• • • • • •	· · · · · · · · ·	• • • • • • •	19.5	•••••
H	l, 5•6 I	5 • 1	3.7	4.7	•5								7 • 2
HNE .	1			. 5		~	•					•5	12.0
NE	.5	.5			•	-1	~					.5	2,•€
ENE	5						-					• 5	2 • C
ε	.5					-						٠ŝ	2 • C
ESE	,	• 5			~				•			•5	4 • C
se .	. 5	• 5	•\$				٦		,			1.4	4.7
SSE	7.9	• 5										2.3	2.8
S	1.4	1.9	•5	• Š								4.2	5 • C
SSW	.• 9	-									-	• 9	2.5
SV	` +5	• 5				~						• 9	3.5
หรพ	. 1,9	1.9	.5									4 • 2	4 • C
ม	1.9	•	.9		•5							3.3	6.7
<i>kun</i>	• 5	2.3										2 • 8	4 • C
NW	3.7	5 • 1	2.8	. š								12.1	5.3
กพร	5.6	14.9	9.8	.5	•5							31.2	5,6
VARIABLE	· · · · · · · · · · · · · · · · · · · ·			•••••	• • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • • •	• • • • • • • •	•••••
CÁLM	///////////////////////////////////////	1111111	11111111	,,,,,,,,,	1111111	,,,,,,,	///////	///////////////////////////////////////	11111111	,,,,,,,,	///////	14.9	/////
TOTALS	25.6	33.0	18.6	6.5	1 • 9							100.0	4,8

TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLÍMAŤOĽOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERČENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

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STATION NUMBER	Ř: 724680	STATION	: JAŅE:	FT CARSO	i/eutts	AAF 'CO			PERIOD MONTH:	OF RECOR		·87 11: 0600-	0 0 0 0
		•••••	*****	,			IN KNOTS		•••••	• • • • • • • • •	••••••	•••••	•••••
DIRECTION: LOCORCESI	ŧ	4-6	7-10		17-21	22-27	28-33	34-40			GE 56	TOTAL	MEAN WIND
# • • • • • • • • • • • • • • • • • • •	7.9.	9.6	4.3	2.6	• • • • • • • • • • • • • • • • • • • •			•••••	•••••	• • • • • • •		25.5	6.2
NNE .	2.1	1;2	• 8									4.0	3.9
ис ;	1.4	5	,1	• 1-								2.2	3,45
LNE .	i i.6	÷ S									•	2.1	2 • 9
٤	•6	• 9	•1									1.7	3.9
ÆŠE	.6	. 6	• 3									1.6	4 • 8
ŞΕ	1.2	1.6	.6	• 1								3.5	5.1
SSC .	1.9	2.2	1.4	• 3								5.8	5.2
s .	1.6	2.3	1,•7	. 3								5.8	5.6
zzň	.4-	<b>43</b>	•\$	• 3								1.4	6.7
5.2	· 6	• 1	.4	+ 3	•1							1.6	7.6
#S#	.5	• 1	. 4	. 3	• 3							1.6	8 • 4
w	,   .4	. 4		• 1								•9.	4.3
*FBA	.5	6										1.2	3.7
ng	.4	1.9	1.0									3.4	5 • 8
HNH	4.6	7.0	3.9	1.2	•3	• 3						16.6	6.1
VARIABLE	: :	••••••	•••••	• • • • • • • • • •	• • • • • •	•••••	•••••	• • • • • •	• • • • • • • •	•••••	• • • • • • • •	• • • • • • •	•••••
CVFH	7777777	////////	11/1/11	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,,	///////	,,,,,,,,	///////	1111111	21.3	111111
TOTALS	25.7	29.9	15.5	5.4	1.6	•5						100.0	4 . 4
		• • • • • • • •	•••••	• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •		• • • • • • •	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •

TOTAL NUMBER OF OBSERVATIONS:

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PERCENTAGE FRE QUENCY OF OCCURRENCE FOR SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

ÁÍR KEATHER SERVICÉ/MAC STÁTION NUMBER: 724680-STATTON NAME: FT-CARSON/BUTTS AAF CÓ-

PERTOD OF RECORD: HONTH: JUN HOURS(LST): 0900-1100 HIND SPEED IN KNOTS 17-21 22-27 BIRECTIONS 1-3 11-16 28-33 34-40 41-47 48-55 GE 56 TĈTAL MEAN IDEGREES! 1 HIND 2.5 2.2 1.6 NNE .-3 3.1 1.6 . 9 1,4 5.0 2.7 \$ . 3 4 . C NE 1.7 .8 . 1 3.5 ENE 2 • 1 1.2 • 3 3.6 ξ 2:7 1.ô 5.è ESE 3.4 1.3 7:1 4.7 SÉ 3.8 13.7 4.3 4.1 1.6 6.2 .6.7 1.7 SSE 5.0 1.6 14.1 5.8 S .7.6 3.: 2 . 8 3.5 3.5 . 4. 13.5 SSK 2.5 **i** 3 . 1 5:7 11.6 .3 1.8 ٠ž • 3 . 1 3.1 14.3 , š WSW . 4 . 1 ..1. 2.2 9.1 . 2 ÷8 7.. 7 . 3 . 1 . 5 . 1 1.4 NNW • 3 2.0 • 3 NO • 3 ٠,5 4.8 NUA VARIABLE CALM 100.0 6.3

GLÔBÁL ČLŤHĂŤ QLÒGY-BRANCH USAFETAC AIR NEATHÈR, SERVÍČEVHAC PERCENTAGE FREEQUENCY OF OCCURRENCE OF SURFACE WIND-DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO PÉRIOD-OF-RECORD: POURS (LST): 1200-1400 MONTH: JUN wIND-SPEED IN-KNOTS DIRECTION-TOTAL MEAN 22-27 28-33 WIND COCGREES) 1-٠.۲ 1.1 6.0 10.1 2.0 . • 8 5.5 3.0 NŅÈ . 8 *;* 9 1.3 NE 1.3 ,. 4 . 4 3.0 5 . 9 3.8 4 . 4 ENE 1.8 1.1 .9 5.8 6.Š Ě . 4 2.6 2.5 . 3 ese 1. 2 2.9 2:8 111 • 1 8.0 .6.9 14.2 8:3 Sξ 1.3 3 ; 0 6.8 2.5 • 5 1.7 4.1 7.6 5.7 . 3 19:3 8.9 SSE 15.2 9:1 5 1.7 3.7 4.2 . 1 4.3 .1.2 รรห . 3. 5.8 11.1 1.1 1.1 3.0 . 1 • 3 . 3 1.1 .8 4.7 11.5 รพ ., 7 1.5 • 1 . 3 . 7 1.8 11.7 .1 1.7 9.3 -..3 . 1 Ĺ • 5 5.5 . 3 ٠ĭ . 1 KNE .7 8 . 4 HW . 1 . 1 . 1 • 3 ยทร VIRIABLE ÇALP 3.2 100.0 8.3

TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLÍŇATCĽOGY BŘANCH USAFETAC AÍŘ WEATHER SERVICE/MĄĆ

PERCENTAGE FREQUENCY OF OCCURRÊNCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

ŞTATÎCNANUÝBER: 72466 B. ŞTATLION NÁME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87 HONTH: JUN HOURS (LST): 1500-1700

	l:	******	••••••	••••••	i · · · · · i · i · · · · · · · · · · ·	n SPEEN	IN-KNOTS	••••	•••••	• • • • • • • •	· · · · · · · · · · ·	•••••	· · · · · · · · · · · · · · · · · · ·	• • •
DIRECTION (DEGREES)	1-3	:4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TCTAL 2	MÉÁN WIND	
N	1' 9	2 2	2.3	1. 7-	• 9	******		******	••••	, , , , , , ,		7.9	8 <del>.</del> 7	• • •
NNE	l.   •2	è	169	. 6					`			3.6	8.3	
NE .	ıέ	,s •	•5	• 2	.3							1.9-	8 • 5	
ENE	. 9	• ê	•5									2.0	9 - 2	
<b>₽€</b> 1	  - 	1 • 4	1.9	8								4.9	6, . 8	
LSE	1.1	2 • 8	~2•6	1.,4			_					7.9	7.4	
SE	1. ř	2 • 8	4.2	3.1	•2							11.3	8.6	
\$SE -	1.5	2 • 8	5 • 3	3.9	• 6							14.1	8 • .9	
Ś	3.0	3 • 6	4 • D	3, 6	•6							13.8	8 • 3	
ssķ :	.9	• 9	149	2 • D	•8	• 3-	• 2					7.0	1 1 - 2	
2์ห์	, 6	• 5	1.2	1.2	•2							3.7	^9 • 1	
wsw	.6	• 3	1.1	• 3	•5							2`•8	8 • 6	
-£	1.1	• 8	1.7	. 8	• 3		•2					4.8	8.7	
หแน	•2		.6	. • 6	• 3							1.7	11.4	
-112	.9	<b>å</b> 6	1.1	• 6	• 3	•2						347	8 • 8	
ก่อง	.2	• 9	1.2	• 5	•3	•2						3.2	9 • 6	
VARIABLE	· · · · · · · · · · · · · · · · · · · ·		•••••	•••••	• • • • • • •	•••••	• • • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • • • •	•••
CVFH	,,,,,,,,	1/11/11	11111111	11111111	11111111	minin.	,,,,,,,,	,,,,,,,	11111111	,,,,,,,	,,,,,,,	5.9	/////	
TOTALS	  -     13+3  -	21 • 9	31.8	21.2	5.1	• 5	•3					100.0	8 • 1	

TOTAL NUMBER OF OBSERVATIONS:

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GLÓBAL CLIMATGLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND-DIRECTION VÉRSUS WIND SPÉED VERMANDURLY OBSERVATIONS, AIRÁNCÁTHER SERVICE/MAC

STATION-NUMBER: 72468G STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 78-87'
MONTH: JUN HOURS(LST): 1800-2000

ATOMOTE AND							ΙΝ-ΚΝΟΤ:				ån n.	~~~~	
DIRECTION (DEGREES)	1=3	4 -6	7-10	1116	17-21	22-2.7	28-33	34-Ą̈̈́Ğ	41-47	48-55	.GE 56.	TCTAL	HEAN-
	33	4,•5	4,0	3.3	1.0	.3	• • • • • • • •		• • • • • • • •	• • • • • • •	•,• • • • • •	:16.3	7.5
une	1.6	€8	.8	• 3								₹•8	6.2
, ŅC	5	17.3	• <u>,</u> 5									2.3	5 • 2
EHE	1.G					,						1.0	1.8
£	1.0	1.3	• 5	. 3		•						3.0	5 • C
, ESĚ	•3	1.5	5	• 3								ž•5°	6 • 6
sįE	1+8	270	2:8	• 8								7.3	6,-6
323	3.3	2 • 3	1.8	. 5								7,8	5.€
· Ś	2.5	4.0	1.8	. 8	• 3							9.3	5,7
\$\$\$	1.3	2 • 3	• 3	. 8								4.5	5.7
S ម	2.0	1.5	1.3	1.0								5.8	6 • 2
หรพ	1.8	2 • 8	1.3	• 6								6.5	5 • 5
<b>3</b> '	2.8	2.6	1.3	• 5								6.5	Š • 1
FMK	1.3	• 8	1.3									<b>3 • 3</b>	ų • 8
ŃК	•,5	2.0	1.5	• 5	•3							4.8	7.5
PKA	1+2	3 √0	• 3	. 8	•8							6.0	7.Č
VARIĀBLE	, , <b></b>		****	• • • • • • • •	• • • • • •		,		• • • • • • • •	•••••	••••••	• • • • • • • •	
	,,,,,,,,,		11111111	,,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,	,,,,,,,,	10.9	111111
101412	-   25 <del>2</del> 3	31.a	1915	10.3	2•3	·3	, , , , , , ,					109.0	5.5
1011/2	49.1	21 4 9	1975	10.3	2 • 3	• 3						102.0	5.5
· • • • • • • • • • • • • • • • • • • •	** • • • • • • •	• • • • • • •	•••••	• • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •

TOTAL NUMBER OF OBSERVATIONS: 400

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GLOBAL - CLIMAT GLOGÝ : BŘÁNCH USAFÉTÁC - AIR- NGATHER SERVÍCE/HAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE VIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STĂTION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PEPIOD OF RECORD: 78-87 HONTH: JUN POURS(LST): 2100-2300

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(DECKÉEZ) "I DIBECTION" J	1-3	4-6	7-16	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE -56	TOTAL 2	MEAN WIND
.N.	:542	6.0	3.0	2.1	.4	÷4	• • • • • • • • •	•••••	••••••	••••••	•••••	17.2	6.7
्रमेम€ ैं।	1.43	. 4	.4									2:1	3.6
NE .	4	•,9										1.3-	4 • 3
ENE !	. 9		.4									1.3	5 • C
Ē i		• 4	.9									-1.3	18.7
rese i	,, <b>ĕ</b>				•							,• <b>ú</b>	, 5 · C
SE	ş <sub>ق</sub>	1 - 3	.4									2.6	4.5
SSE	1 . 7	2.1	.4				\$		•			4.3	3.7
s	3,9	3.0										6.9	3 • 4.
554	1:3	1.7	1.3			•4						4.7	6.8
Sk I	2 • 1	2.6	• 4	. 4								5.6	4.7
<b>พร</b> พุ	3 • Ĉ	3.9	1.7	• 9								9%4	5 • C
1	4.7	5 • 6	• 4	• 9	• 4							12.0	5 • C
นหน	• 9	• 4	• 9									2 • 1	5 • 6
lik (	2.1	• 9	1.7									4.7	4 • 6
นห์น	i • 7	3.9	1.7	1.3	• 4							9.0	6.9
VARIABLE	• • • • • • • •	•••••	•••••	• • • • . • • •	• • • • • •	• • • • • • •	• • • • • • • •	•••	• • • • • • •	• • • • • • •	••••••		••••••
CYFR	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1111111	1111111	11111111	,,,,,,,	1111111	111111111	//////	///////	,,,,,,,,	////////	15.0	/////
TOTALS :	30.5	33.8	13.7	5.6	·1 • 3	•9						100.0	4.6

STOBAL CLÍHATÓLÓGY BÁRÁNČH PERCENTAGE É PEQUENCY OF OCCURRENCE DE SURFACE. WIND DIRECTÍON VERSUS WIND SPEED USAFCIAC FROM HOURLY OBSERVATIONS

IRECTIONAL DEGREESTAL		. 4 =6 <sub>.</sub>	7-10	11≃.16		0 SPEED 22-2.7	IŃ, KNOTS 28433		-4 <u>1</u> ∰47-	-48 <b>-</b> 55	GE 56	TCTAL 2	HE ÂN WÎND
	3.3	4.2	2.8	2.3	.7	رَ رَهِ مُا 2 .	• • • • • • • • • •	( • • • • • •	•••••	• • • • • • •	• • • • • • •	13.5	۰،۰۰۰ 76,5
ียน เมษัย√ ไ	1.1	<b>;</b> 9	.9	. <b>.</b> 2				•				3.1	Ś.7
NË 4	11-12	1:0	.4	2	•1							ž•8	5.0
ENE	1.4	•,7*	• 3									2.4	3.8
	. <b>و</b> يني ـــــــــــــــــــــــــــــــــــ	1.7	1.52	2								, 3.9	5 . 7
ese 1	1.1	2 👬 🕽	1.4	•′5	•0							5.0	6 • 2
ŞĽ	1.7	2.6	- 3.4	13.4	•1		•					9.3	7.2
\$\$E -{	1.9	3,7 3	3,9	2 . 2	٠• 2						-	1145	7 . 5
s i	2.2	3 • 1.	2 - 8	ź•3	.4	• • • • • • • • • • • • • • • • • • • •						10.9	7.6
, kss	.8	.√8	1+0	1.6	•2	•2	•1-					4 • č	10.1
S iy	€	é Š	,7	1.1	• 3	ñ	• 0					3,5	19 ≩ 5
HSN.	3	• 9	• 7.	• 5	•2	•0			•			3.1	7 . 3
w j	1.1	• 9	•7	. 4	•2	•0	•0					3.2	<b>6.</b> • 7
-พหน -	. 4	• 4-	.j3	• 1	• 1							1 • 3	6 • 0
114 .	. 7	r• ř	<b>÷9</b>	<b>.</b> 2	÷1	•0						3.0	6 • 6
หพล -	1.6	3.4	1.9	. 7	•3	· i•i						9.0	6.6
VARIĀBLE -	   • • • • • • • • • • •   		*******		• • • • • •		• • • • • • • •	• • • • • •	• • • • • • •	••••••	······		•••••
CALM	111111111	11   11:111	1111,1111	1111111	77111,11	<i>(111111)</i>	////////	())))))	11111117	/////////	,,,,,,,	10.6	/////
10TALS	21.0	27.4.5	23.3	1,4 • 6	2.8	.8	٠í					100.0	6.4

JOJAL NUMBER OF OBSERVATIONS: 3802

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GLOBAL CLÍMATOLOGY BRANCH: USAFETAC ÁIR MLATHER SERVÍČEZHÁC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

RÓ: 78+87 HOURS(LST): 0300-0500 STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: JUL : HTWOH WIND SPEED IN KNOTS 41-47 HEAN DIRECTION A 22-27. GE 56 TOTAL WIND 5.9 N. 2.Ĉ 1.9 17.9 સંઘદ NE 3.6 ENE • 5 . 5 ε • 5 3 • C ESE . 5 1.4 2.3 ŠΕ . 9 1.4 3.3 SSÉ • 5 1.9 5 . 8 S . 5 • 9 • 5 • 5 SŜW **.** 5 • 5 4 . C Ş¥ • 5 2.0 WSW . 5 • 9 2.5 2.4 2 . 8 RNS 19.8 4.6 HV 7 • 1 NNY 3JBAIR1V HJAQ. 100.0

TOTAL NUMBER OF CASERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USÁFETAC AIR WLÁTHÉR SERVICE/MAC

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 HONTH: JUL HOURS(LST): 0600-0800 STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

•	l .				WIN	O SPEED	IN KNOT	S	•				
DIRECTION (DEGREES)	1-3	4-6	7-10	11-16		22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL 3	MEAN Und
N	8.7	8.8	6.6	3.0	.9	• • • • • • •	••••••	•••••	••••••	••••	*****	28.0	6.1
RNE	1.5	•5	. 1	- 1								2.3	3.7
ИE	1.4	• 7										2.0	2 • .9
èиє	.4		•1						•			•5	3.5
£ -	1.5	. 3	.1									-1.9	3.1
ζsε	.7	.1										• 8	2 • G
SE	.8	• 7	• 4	• 1								2.0	5 • C
388	. a	1.6	.7									3 • 1	5 • C
S	1.5	• 8	1.2									3.5	4 • 6
SSW	.9	• 4	•4									1.8	4.5
Sh	.3	• 1	• 1	• 1								• 7	6.€
นรพ	.1					•						•1	3 • C
¥	į . 4	. 1										• 5	2.3
whw	į												
HV	1.4	1.8	.3									3.4	4 • C
enu >	7.3	11.1	5.0	2.4	• 3							26.2	5.7
VARIABLE	: !	• • • • • • •	•••••	*****	• • • • • • •	• • • • • • •	•••••	•••••	• • • • • • •		•••••	•••••	•••••
CALM	11/11/11/11	,,,,,,,	11111111	11111111	//////	(111111)	1111111	,,,,,,,	,,,,,,,	11111111	,,,,,,,	23.0	111111
TÓTALS	27.6	27.1	15.2	5.8	1.2							100.0	4 • 1

TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

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PERIOD OF RECORD: 78-87 HONTH: JUL FOURS(LST): 0900-1100 STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

	1		•		WII	DEPER DI	IN KNOTS		_		`		
DIRECTION CDEGREESI		4-6	7-10	11-16	17-21	22-27	28-33	34~40	41-47	49-55	GE 56	TOTAL	MEAN Onlw
Ň	] 2.6	2.6	2.6	2.4	• • • • • • • • • • • • • • • • • • • •		• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	11.1	8.3
	1 (				* *	•							
RNE	1 2.6	1.5	. 7	• 3								5.0	4 • 4
NE	2.6	2.0		٠î								4.7	3.€
ENE	2.6	1.9	.7									.5 • 2	3.7
Ę	3.5	4.1	1.5									9.1	4.4
ESE	2.8	4 • 3	1.9	• 3								9.4	5.1
sc	2.3	4.2	3.3	• 1								9.9	5.3
385	4.7	3.9	3.3	. 8								12.8	5 • 2
S	2.8	2.6	3'44	9	• 3							10.0	6.4
SSW	1,1	• 9	5	• 5		•						3.0	6.3
SW	.3		. 1	• 1								•5	6 • C
RSH	.7	• 3	• 1	• 1								1.2	4 • 7
¥	.5	• 3		. 3								1.1	5.4
MAR	i	. 1										. 1	6 <b>.</b> C
NY	.5			*								• 5	2.0
nnn	1.2	1.2	1.1									3.5	5.3
VARIARLE		• • • • • •	•••••		• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	•••••	
	i   <i>                                    </i>	1111111			1111111		,,,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,,,	,,,,,,,,	12.9	111111
	1												
101468	I 30.9	29.9	19.1	6.1	• 9	•3						100.0	4.8
•••••	• • • • • • • • • • •		• • • • • • • •	• • • • • • • •	• • • • • • •		• • • • • • • •		• • • • • • •	• • • • • • • •		• • • • • • • •	• • • • • • • • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SKEED FROM POURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATFER SERVICE/MAC

STATION NUMBER	R: 72468E	STATION	NAME:						MONTE:		POURS (LS)	-87 []: 1200-	1400
		••••••	•••••	• • • • • • •			ÍN KNOTS		•••••	• • • • • • • • • • •	• • • • • • • • • • •	• • • • • • • •	•••••
GIRECTION (DEGREES)		4-6	7-1C	11-16	17-21		26-33		41-47	48-55	GE 56	TCTAL *	HEAN GNIW
	1.0	1,6	2.6	1.6	4	• • • • • • • •	•••••	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	7.2	8.5
	i	7.00	2.0	1.5	• •							***	0.5
DRE	1 .8	1.9	1.4	• 3			• 1					4.5	6.7
NE	1.4	1 • 6	. 4	. 1								3.5	4.7
ΈνΕ	1.4	1 • 6	1.8	• 3								5.0	5.6
٤	2.0	4 - 1	3.4	• 8								10.3	6.2
£SE	1.9	3.1	4.2	1.9								11.2	7.3
SĘ	2.6	4.5	4.6	1.9								13,6	6.8
\$SE	1.6	4.4	4.9	, • S								11.4	6.6
s	1.9	3.3	4.8	1.9	.1							11.8	7.5
รรพ	. 7	• 8	1.6	1.1	• 3							4.5	8.4
รห	1.8	• 5	.7	• 7	• 1							3.0	7.5
wsw	• 5	• 4	1.1	. 7								2.7	8.4
M	.4	• 7	. 3	. 3								1.6	6.3
WHR	• 3	• 1	• ?	. 1		•1						1.0	9 • 3
แห	• 1		• 4	. 3	.1							1.0	10.1
s nn	. 9	• 7	• 3	1.1					•			2.9	7.8
VARIABLE		•••••	•••••	•••••	• • • • • •	•••••	•••••		• • • • • • • •	• • • • • • •	•••••	• • • • • • • •	•••••
	1111111111	////////	////////	'''''	//////	,,,,,,,,,	,,,,,,,,,	(()))))	131111111	////////	11111111	4.8	111111
TOTALS	18.2	29 • 4	32.7	13.6	1.1	•1	. 1				•	100.0	5.7
		• • • • • • •	•••••						• • • • • • • •				

TOTAL NUMBER OF OBSERVATIONS: 735

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بعلاولا فتائد والمتالية والمتالية والمدوم والمدأ وماما والمارات المارة مستدارة المستعادة المارية والمارة والمتارة والمارة والم

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATPER SERVICE/HAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PEPIOD OF RECORD: JUL :4THON HOURS (LST): 1500-1700 WIND SPEED IN KNOTS 21 22-27 28-33 DIRECTION ( 41-47 HEAN 7-18 17-21 48-55 GE 56 TOTAL 28-33 WIND 2 : · · · · · · · 9.5 . 9 •2 10.0 • 5 1.9 4.2 2.4 HNE - 2 7.6 • 3 . 9 1.6 • 2 3.1 NE . 2 1.4 3.3 6.C ENE 1.7 ٠5 6.2 ٤ . 9 7.€ 1.3 2.8 1.6 6.6 CSE 1.6 1.6 3.5 . 9 7.5 7.1 SΕ 1.1 3.3 4.4 2 . C 10.8 7.3 SSE • 9 5.5 • 6 • 3 12.6 7 • C S 3.8 2.0 8.0 ٠2 9.0 . 8 6.2 SW . 9 1.4 • 5 . 2 KSW . 8 1.1 1.9 . 6 7.1 'n • 3 1.1 1.3 • 5 . 3 9.1 KNN . 3 • 5 NW • 3 • 3 7.9

CALM TOTALS 100.0 7.5

TOTAL NUMBER OF OBSERVATIONS:

UNX

VARIABLE

10.6

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM POURLY OBSERVATIONS

STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: JUL POURS(LST): 1800-2000

	· · · · · · · · · · · · · · · · · · ·	• • • • • • •	•••••	• • • • • • • •		n spren	IN KNOTS	••••••	••••••		•••••	••••••	•••••
DIRECTION (DEGRÉES)		4 -6	713	11-16	1-7-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN Wind
N	1 2.5	4 • 6	4.3	2.8	.8		•••••	•••••	•••••	• • • • • • •	• • • • • • •	15.0	7.8
288	.5	• 8	1.3	. 3								2.8	6 • 6
NE	-	. 3		. 5								.8.	10.C
ENE	.5	1.5	.8									2.8	5 • 2
£	1 . 2	2.0	1:0									4.3	5.0
ESE	1.5	3.3	.8	. 5								5.6	5.1
SE	2.5	2.5	1.5	. 5								6.6	5.8
SSE	2.3	2.3	1.3									5.9	4.7
s	2.5	1.3	1.3									4.6	4.6
SSW	.8	1.0	•3	• 3								2.3	4.5
\$ m	2.0	1.5	.3									3 • 8	3.7
ងទង	1.5	1.5	•8									3 • 8	4.6
<b>5</b>	1.8	3.8	• 3	• 8								6 • 6	5.1
rus	1.8	1.5	.8	. 3								4.8	5.6
nz	1.3	1.8	1.3	. 8					•			5.1	6.5
ដូច្នេង	.9	3 • 6	2.8	1.8								8.9	7.7
VARIABLE		• • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •			• • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	
CVFH	1  ////////////////////////////////////	,,,,,,,,	///////	,,,,,,,,,	,,,,,,,	1111111	,,,,,,,,,,	,,,,,,,	///////	(//////	1111111	16.3	111111
TOTALS	22.1	33.3	18.6	8.9	.8							100.0	5 • C

TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMÁTOLOGY BRANCH USAFETAC AÍR NEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM POURLY OBSERVATIONS

STATION NUMBER	R: 724660	STATION	NAME:	FT CARSO	11 TUB\ 11	AAF CO			PERIOD MONTH:		ID: 78- Hoursi <u>l</u> si		2300
DIRECTION (		4-6	7-10		wI! 17-21		IN-KNOTS 28-33	34-48	41-47	48-55	GE 56	TOTAL	HEAN WIND
			•••••	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	••••••	• • • • • •	• • • • • • •	• • • • • • •	•••••		• • • • • • • • • • • • • • • • • • • •
fê	[ 6.1	8.0	3.3		•9							20.2	6 • 2
HNE	1.4		•9	• 5								2.8	6 • 3
NE	.5	.5	• 5									1.4	6 <b>.</b> C
ENE	i	.5										•5	5 • C
ε	.9			• 5								1.4	5.7
ESE	.5	.5		• 5								1.4	7.3
SE	1.4	• 5										1.9	2.3
ssc	1.4	1.9										3 • 3	3 • 3
s	2.3	1.4										3.8	2.6
55%	2.8											2.8	2.3
SH	.5	1.9										2 • 3	4.2
wsw	1.9	2.8										4.7	3 • 8
K	1.4	5.3	•9	• \$								5 • 2	5.4
443	1.4	1.4		. 9							•	3,8	5.4
เเม	2.3	2.3	1.4	• 5								6.6	5.1
2114	3.8	6 • 1	6.6	• 5								16.9	5.9
VARIABLE	! !	•••••	•••••	• • • • • • • • •	• • • • • • •	•••••	•••••	• • • • • • •	•••••	• • • • • • •	••••••		•••••
CALH	,,,,,,,,	////////	//////	,,,,,,,,	//////	,,,,,,,,	,,,,,,,,,	//////	11111111	///////	,,,,,,,,	21.1	111111
TOTALS	23.6	30 • €	13.6	5.6	•9							100.0	4 - 1
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JOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

AIR LEATHER SERVICE/HAC

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STATION-NUMBER: 724688 STATION WAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 78-87
HONTH: JUL HOURS (LST):

WIND SPEED IN KNOTS DIRECTION 22-27 28-33 TOTAL MEAN (DEGREES) WIND N 3 6 4 14.9 7.3 HHE 4.3 1.0 . 2 .c . 0 3.5 5.6 RE 1.1 1.2 . 4 . 1 2.8 4.5 1.1 ENE 1.1 .9 . 1 3.3 5 . C ε 2.2 6.0 5.5 2.2 ESE 1.5 1.9 . 7 6.3 6.2 SΕ 1.7 2.8 2.6 . 8 7.9 6.2 SSE 2.0 3.3 2.9 . 4 1.7 2.0 2.7 1.0 . 1 7.5 6.7 . 7 55% • 5 .. 8 . 5 . 1 2.8 6.5 Sw . 7 . 5 .5 ٠2 . 1 พรพ . 7 . 7 .7 • 3 2.3 6.2 . 7 1.0 . 4 . 3 . 1 •0 2.3 6.2 RINA • 2 . 6 . 4 . 3 •C 1.6 6.1 ux 1.0 1.2 .6 . 2 .0 . 1 5.7 5.1 3.1 • 2 12.6 . 1 6.4 VARIABLE וישאט 12.6 111111 TOTALS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY ORSERVATIONS

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PERIOD OF RECORD: HONTH: AUG HO STATION NUMBER: 724685 STATION NAME: FT CARSON/BUTTS AAF CO RD: 77-86 HOURS(LST): 0300-0500

	1	•••••			WI	ND SPEED	IN KNOT	S		,			
DIRECTION -		4-6	7-1C	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	6.6	7.1	4.4	1.3	.4	.4		• • • • • • • •	• • • • • • • •	••••••		20.4	5.9
NNE	, .9	• 9										1.8	4.6
NE.	.4		.4									•9	4.5
ENE		. 4		. 4								. 9	8 • C
٤													
ESE	.9											.9	1.5
sc	i    -	. 4	•9								•	1.3	7.7
SS€	. 9	. 9										1.8	3.3
s	. 9	1.3										2.2	4.2
รรห	.4	. 4	.4									1.3	5 • 5
Sk		4		. 4								• 9	9.0
พรพ	1,• 3	. 4										1.8	2.5
អ			• 4									. 4	7 • C
r.nn	. 9	2.2										3.1	3.9
หต	4.4	6.2	1.8									12.4	4 • 4
หพร	8.9	12.4	8.4	• 4								30.1	5 • 4
VARIABLE	·	• • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • • •	
	11/////////////////////////////////////	,,,,,,,,	11111111	,,,,,,,,,,,	11:1111	,,,,,,,,,,		,,,,,,,,	,,,,,,,,	11111111	,,,,,,,,	19.9	111111
TOTALS	26.5	33 • 2	16.8	2.7	.4							100.0	4.2
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GLOGAL CLÍHATOLOGY BRÄNCH ÚSÁFETAC ÁIR MÉÁTHER SÉRVÍCE/MAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM-HOURLY OBSERVATIONS

STATION NUMBER: 724686 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86
HONTH: AUG HOURS(LSI): 0600-0800

J.		* * *	•				IN KNOTS		• .				
OTBECTION	1-3	4 -6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TGTAL *	MEAN WIND
N }	11.0	10.2	4.5	4.1	1.4	• • • • • • •	*******	• • • • • • •	••••••	••••••	• • • • • • •	31.8	6.C
INE	1.7	• 6										2 • 4	3 • C
NE	• 6	• 2						•				.9	2 • 9
ENE	• 5	• 4										.9	3.2
Ł į	. 7	. 5										1.2	3.3
ESÉ T	. 7	• 2										1.9	2 • 9
SE I	• 5	• 9	•5	. 1								2.0	5.8
ssr	1.9	1.4	.7	• 2								4.2	4.8
s i	.7	1.0	1.1	• 6								3.5	6.6
SSW	• 2	• 2	•\$	• 1								1.1	7.4
S¥ İ	. 4	. 5	.1									1.0	4 • 5
ผรพ	• 5	• 2	•1									• 9	4 • 1
-	• 2	• 1										. 4	3 . 3
zuz i		• 6	•2									• 9	5.4
ยะ เ	1.7	1.6	1.2									4.6	4.6
นเมน	7.ĕ	8.7	6.1	1.0	•2							23.8	5.3
VARIABLE ]	• • • • • • • •	• • • • • • •	•••••	****	• • • • • •	•••••	••••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	•••••
CALM	,,,,,,,,,	,,,,,,,	,,,,,,,,	11111111	,,,,,,,	,,,,,,,	,,,,,,,,	1111111	,,,,,,,	,,,,,,,,	,,,,,,,	1946	/////
101/15	29.4	28 • C	15.1	6.2	1.6							100.0	<b>u .</b> q

GLOBAL ĆLIMATOLOGÝ BRANCH USAFETAC ATŘ ŘEÁTHER SERVIČEZNAC

PERCENTAGE FRECUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

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STATION NUMOCR: 734680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: MONTH: AUG HO RD: 77-86 HOURS(EST): 0900-1100

	1	• • • • • • •	• • • • • • • • •	••••	IIW.	ND SPEED	IN KNOT	<b></b>		• • • • • • • •	•••••	• • • • • • • • • • •	*****
DIRECTION (DEGREES)		4-6	7-1C	11-16	17-21	22-27	28-33-	34-40	41,-47	4,8-55	GE 56	TOTAL 2	MIND
Ņ.	4,3	2.6	3.8	2.6	• 9	•2	• • • • • •	• • • • • • • •	•••••	••••••	•••••	14.5	7.7
NNE	1.9	1.2	.5		. 1							3.7	4.4
'NE	1.2	1.2	. 4							*		8.5	4 • C
ENE	2.6	1.4	.4	• 1		•						4.5	3.6
Ê	4.1	3.1	1.1									8.3	4 • C
ESE	3.2	2.9	•9									6.1	3.5
SE	4.1	4.3	1.7	. 4								10.5	4.6
SSE	3.6	4.2	3.1	• 6								11.5	5.4
` <b>\$</b> -	2 • 2	3.5	3.5	1.2	.1							10.5	6.7
SSk	.2	• 2	1.5	. 9	•1							3.0	9.4
SW	-,6	.6	1.1	• 6								3.0	7.4
WSW	.7	. 4	.1	. 4								1.6	5.7
ų	.7	٠, ۶										1.2	3 • 1
LNW	.1	. 2										. 4	3 . 3
R's	.2					į						• 2	1.5
tinn	.7	1.1	•9	. 5								3.2	6.3
VARIABLE	! !	•••••	• • • • • • • •	•••••	• • • • • • •	•••••	• • • • • •		• • • • • • • •	• • • • • • • •	•••••	• • • • • • • •	
CALH	,,,,,,,,,,	11/11/11	,,,,,,,,	,,,,,,,,	1111111	,,,,,,,,,	///////	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	15.0	711111
TOTALS	30.7	26 • 6	18.9	7.3	1.2	•3						100.0	4.8

GLOBÁL-CLÍPATÖLÖGY BRANCH USAFETAC ATR NEÁTHER SERVIÇEZMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM POURLY OBSERVATIONS

	• • • • • • • • • • •	• • • • • • • • • •	•••••	• • • • • • • • • • • •	, , , , , , , , , , , , , , , , , , ,	 NN. SPFFN	· IN KNÖTS	••••••		• • • • • • •	•••••	••••••	• • • • • • •
DIRECTION A	- 1 <del>-3</del>	4-6	7-16	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL:	ME AN Wind
N = .j.	1.1	1.8	1.3	1.5	.5		•••••	• • • • • • •	••••••	••••••		-6.3	8.7
- หกัยั	-1 - 4	1.3	<b>√9</b>		•							3,6	5 • C
NE	1.8	1 • 6-	.8	. 4								4.6	-5.€
£й€ [	1:1	2.7	•6									4.4	4 • 5
٠ د ا	3:3	3.9	3. <del>´</del> 7	•.3								11.2	5.2
ESE .	2.8	3.€	1.8	• 6								9 <b>.</b> 0	5.3
sŗ	ޕ4	3.7	5.5	2.4								14.Ô	7 . 4
sse	2.3	4 • 7	5.6	1.4		•1						14.1.	6.8
, s !	-3 • 3	ʕ7	3.7	1.8	. 3							11.7	6 . 7.
`ssw.	. 6	1 •.3	1.5	1.1	• 3							4.8	8 • 2
Sij	. q	1.1	144	•.9	٠î	•1	•					4.1	8.8
พริพ์ ไ	• 3	, · .3,	15	÷3								1113.	7 •.7.
H I	•-1	. 4	•8									1.3	6 • 3
SNR .		. 3	. 1	• 1								•5	8 • C
หม [	• 3	• 1	.6									1.0	6.5
	. 8	• 5	•9	• 9	.4							3.4	9.C
VARIABLE	•	•••••	•••••	•••••	• • • • • •	•••••	•••••	•••••	• • • • • • •	•••••	••••••		••••••
Ì	,,,,,,,,,	////////	,,,,,,,,	11111111	,,,,,,	,,,,,,,,	////////	,,,,,,,		,,,,,,,	1117111	4.8	111111
TOTALS 1	22.0	30.1	29.6	11.7	1.5	.4						100.0	6 • 3

TOTAL NUMBER OF OBSÉRVATIONS:

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-PÉRCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND-DIRECTION VERSUS WIND SPEED FROM POURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USARETAC AIR NEATHER SERVICE/MAC 0 PERIOD OF RECORD: STATION NUMBER: 724620 STATION NAME: FT CARSON/BUTTS AAF CO HOURS (LST): 1500-1700 Ź HONTH: AUG #1ND SPEED IN KNOTS 17-21 22-27 28-33 MEAN WIND TOTAL Cr. GÉ 56 DIRECTION | OBEGREES) 8.5 O .. 11.3 3.0 3.3 1.6 7.3 5.2 3 • Ž . 3 Ö •9 41-23 1.6 NHE 3.3 5.2 1.6 ME 1.3 7.8 1.7 € (e,6 . 1 ., 4 ENE .. 6 5.5 7:5 **(** . 3 2.5 2.5 2'. 3 E, 6.3 8.0 2•ž 1.2 1.9 3.5 9 ESE 7.7 10.1 . i 2.5 **3.0** 3.6 49 SE -6.6 11.6 3 2 3 1.3 5.2 17/7 DSE .8 . C 8.7 1.4 .6 Žįģ 2 . 6 .1.2 Ş. 8.7 O 5:7 ,1 1.4 1:12 . 6 554 4 . 1 9.3 G. 1.6 1.0 .6 รพ 6.€ - -्५८भ-1.3 4.0 **O**.. -8 **.** C . 3 1.3 1.2 ...6 , پو, 7.2 0 . 1 ٠, ا . 3 KNK 7.2 . 6 , 9 . 6 NR 0 10.4 NNW

TOTAL NUMBER OF 'OBSERVATIONS: 690

VARIABLE

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM POURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: MONTH: AUG HOL RD: 77-86 HOURS(LST): 1800-2000 WIND SPEED IN KNOTS MEAN WIND 22-27 28-33 IDEGREES! ! ii ii 1.8 •2 18.0 6.É ź.3 MNE 1,1 ÷9 ٠2 7.3 NE .7 Е3 ENE • 2 4 . C . . 2 E 2.5 4.4 1.4 · 7 • 5 5.5 ESE 1.1 1.1 .7 • 5 S٤ 1.6 4 . 8 SSE ٠, 6 7.C S 1.6 Ŝ۶¥ 1.8 1.1 : 2 3.9 SW 2.0 1.6 . 2 . 2 WSW ٠, 3.0 1.6 • 5 6.1 1.4 *.* 5 2.7 5 . 2 RNR 1--1 -1-: 3-.5 . 2 N¥ . 2 NIG VARIABLE 100.0 TOTALS . 2

GLOBAL ČEJNATOLOGÝ BŘANCH, PEPCENTAGÉ FREQUENCÝ OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SPÉED FROM MOURLÝ OBSERVATIONS ÁÍR MEÁTHER SERVICE/HAC

STATION-NUMBER: 724680 STATION-NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: HOURS(LST): 2100-2300 HONTH: AUG WIND SPEED IN KNOTS MEAN WIND DIFECTION 17-21 22-27 28<u>÷</u>33 41-47 TOEGREE'S'); | 6.3 19.8 TINÉ **.** 4. 1 • 2 2.4 4.7 NE •,4 1.2 4.7 ENE 9 • C ε . 8 4.0 ESE . 4 ...4 1.2 5 . C SÈ 1.2 2.0 5.4 SSE 2.0 4 .-7 s •,8 2.0 4.6 SS¥ 4.2 . 8 1.6 2.4 st 1.2 2.. 4 3.6 4. 4 KSW 1.2 • 8 . 4 4.2 2.,8 1.6 . 4 8.4 หมห 1.2 2.0 1,-5 4.3 5.3 NV 3:2 4. 7 1.2 9.1 4.4 NNW 7.9 240 5.9 -CALH 20.2 TOTALS 1.2 1.2 100.0 4 . 5

TOTAL NUMBER OF OBSERVATIONS: 253

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM POURLY OBSERVATIONS

STATION NUMBER: 724689 STATION NAME: 'FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: Month: AUG HOU RD: 77-86 HOURS(LST):

ALL

*****	i	• • • • • • •	******	· · · · · · · · · · · · · · · · · · ·	s I N	D SPEED	IN KNOTS	• • • • • • • • • • • • • • • • • • •	12	• • • • • • •	• • • • • • • •		
DIRECTION A ADEGRÉESTA		4-6	7-10	11-16	17-21	22 <b>-</b> 27	28-33	34-40	41,-47	48-55	GE 56	TOTAL	HEAN WIND
11	4 · È	5.2	3.5	2.5	.7	.1	• • • • • • •	.0	*****	• • • • • • • •	• • • • • • • •	16.9	6 • (9 "
nne	1.4	1.0	•6	• 2	.1							3.:3	5 • 3
NE	1. r	. 7	•6	. 1								2.5	4.7
ENE	.9	1 • C	•2	• 1	•0							2.3	4 • 6
ē	2.2	2.0	1.4	. 1								5.7	4.8
-Ę\$Ę	1.9	1.8	1.0	. 4					•		w?	5.1	5.1
SĚ	1.7	ž•7	2.2	1.0	•0					•		7.7	6.4
-sse :	2.0	3.2	2.6	. 7		.0			-			8.6	6 • 1
s	1.7	2 6 2	2.3	1.0	•5						•	7.4	6.7
SSW	.6	.8	1.2	• 7	•1							3.4	7.8
SW	.7	1.0	.6	. 6	.1	•0						3.0	7.3
_ กิร <i>ท</i> ี~	7	• 8	•5	. 2		-						2,2	5.8
¥	.9	• 8	.6	• 1	•1	•1				•		2.6	6.3
KNN	.3	. 7	•2	• 1								1.3	5.2
RS	1 1.2	1.3	•7	• 1								3.3	5.8
HNW	2.9	4 - 1	3.2	1.1	•2	•0						11.5	6.3
PARIABLE	{ •••••••    -	•••••	• • • • • • • •		• • • • • • •		• • • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	······	• • • • • • • •	•••••
CALM	7777777777	(//////	11/1////	11111111	///////	1111111	///////	'////////	1111111	,,,,,,,,	1111111	13.0	11111
TOTALS	25.1	29.4	21.4	9.1	1.6	.3		.0				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLÓGY ERANCH USAFETAC AIR KEATHER SERVICE/MAC õ

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM POURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO PEPIOD OF RECORD: 77-86
HONTH: SEP HOURS(LST): 0300-0500

* '	1	-			w I	ND SPEED	IN KNOT	s					
DIRECTION (DEGREES)		4-6	7-20	i 1-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TGTAL *	NE AN Oniw
fi fi	6.9	4.4	8.4	• 5	• • • • • •	.5	** * * * * * * *	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	20.7	6.1
·nne	, .∙5	,5										1.0	3.5
NE	l <sup>r</sup> I												
ENE	  - •5											.5	3 • C
ξ	l • 5	.5										1.0	3.5
ESE		1.5										1.5	5.7
SE	1.0	• 5										1.5	2.3
SSE	l  - 1•5	1.0										2.5	3.8
S	[ ] 2∙℃	1:6	5.	. 5								3.9	4 - 1
`\$\$#	l 1 • C	1.0										2.0	4 • C
Su	.5	1.0	1.0									2.5	5.6
. ksk	  17C	15		. 5								3.0	4.8
22	l I	.5	.5									1.0	6.5
Tens	.5	2.5	٠5									3.4	5.4
Hu	2+5	5.4	1.5	• 5								9.9	5.1
Hun	   8.4	. 15.3	5.9	1.0	• 5							31.0	5 • 4-
	] · • • • • • • • • • • • • • • • • • • •	•••••	*****										
VARIABLE	<b>i</b> I												
CALII		////////	11/////	(11111111	1111111	,,,,,,,	11111111	///////	////////	11111111	11111111	14.8	111111
ICTALS	26.6	36 • 5	16.2	3.0	• 5	•5						100.0	4.5

GLOBAL CLIMATOLOGY BRANCH USAFETAC AÎR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM POURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86

HONTH: SEP HOURS(LS1): 0690-0600

				•••••	e 1 t	n SPFFN	IN KNOTS		• • • • • • • • • • • • • • • • • • • •		•••••		•••••
DIPECTION (DEGREES)		4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL 2	HE AN Wind
N	7.8	1.5	5.1	2.1	.7	.4	.1	• • • • • • •	• • • • • • • •	• • • • • • • •	•••••	24.3	6.3
MNE	1.1	• 3										1.4	2.6
BE	1.7	. 3										1.9	2.7
ENE	. 8											.8	2.0
E	.4	• 6										1.0	3.6
rse	6	. 4	.4									1.4	4.9
SE	.7	1.5	1.0									3.2	5 , 2
322	1.0	1.7	. 1	. 3								3.0	4.9
s	1.9	1.1	.7	. 3								4.0	4.9
\$\$%	.3	1.5	•8	. 5								2.9	8 • 1
S .	7	1.0	.7	. 4					•			2.8	6.1
หรพ	. 4°	₹8	.7		٠ì							2.1	6.5
<b>x</b>	. 4	1.0	. 1	• 1		• 1						1.8	6 • 5
KNK	.8	1.0	.1									1.9	3.9
RR	2.2	3.2	1.4	. 4								7.2	5 • 3
NNN	6.6	11.3	5.1	1.1								24.1	5 • 2
VARIABLÉ		•••••		• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • •	•••••	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
	i !/////////	////////	11111111	,,,,,,,,,	777777	////////	,,,,,,,,	1111111	11111111	,,,,,,,,	///////	16.4	111111
TOTALS	27.4	33.0	16.2	5.5	• 8	.6	•1					100.0	4 • 6
	! ••••••	•••••	• • • • • • •	• • • • • • • • •	• • • • • • •	•••••	•••••	• • • • • •	•••••	• • • • • • •		•••••	

TOTAL NUMBER OF OBSERVATIONS: 727

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

PERCENTAGE FRE QUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM POURLY OBSERVATIONS

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PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100 STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

		• • • • • • • •	* * * * * * * * * *	• • • • • • • •	WIN	D SPEED	IN KNOTS	• • • • • • • • • • • • • • • • • • •	· · · · · · · · · · · ·		• • • • • • •	• • • • • • • •	•••••
OIRECTION (DEGREES)		4 -6	7-18	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN Wino
Ŋ	2.9	1.6	1.5	2.3	.5	.7			• • • • • • •	•••••	• • • • • • • •	9.6	8.8
MIE	.7	1.2	• 3									2.2	4.6
₩E	2.1	7	• 3									3.0	3 • C
ENE	2.1.	1.1	• 1									3.3	2.9
ε	3.3	1.8	.4	• 1								5.6	3.6
TSE.	2.5	2.1	1 - 1	• 1								5.8	4.4
SE	2.9	4.3	2.6	. 4								10.2	5.2
322	3.8	4.9	5.1	1.4								15.1	6.0
S	3.6	2.6	3.8	2 • 2	•1							12.3	6 • 8
\$\$%	1.1	. 7	1.8	1.4	• 3	•1						5.3	9.0
S¥	. 7	. 4	2.5	1.5	•1	•1						5.3	9.4
RSH	į	.4	1.4	1.1	•1	• 3						3.3	11.5
¥	, 7	• 3	•5	• 5	• 3							2.3	8.8
RNW	3	• 1										• 4	3.6
NA	.7	٠ 4	• 1	• 1								1.4	4.6
Prep	.5	• 5	1.1		•1							2.3	6.9
VARIABLE	: !	• • • • • • •	•••••	•••••	• • • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • • •	•••••	•••••	• • • • • • • •	•••••
CALM		1111111	11111111	,,,,,,,,	,,,,,,,,	///////	1111111	(1111111	,,,,,,,,	///////	,,,,,,,,	12.5	/////
TOTALS	l   27.7 	23.0	22.6	11.2	1.6	1.2						100.0	5.7

LLDBAL CLIMATCLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC STATICM NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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PERCENTAGE FRECUENCY OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SPEED FROM POURLY OBSERVATIONS

	l <sup>.</sup>	• • • • • • • •	•••••	••••			IN KNOTS			• • • • • • • •	••••••	• • • • • • • • •	••••••
DIRECTION (DEGREES)		4-6	7-10	11-16	17-21	-22-27	28-33	34-40	41-47		GE 56	TOTAL 2	HEAN- Wind
N	.7	1.3	.7	1.5	•6	• • • • • • •	• • • • • • • •	•••••	••••••	•••••	•••••	4.7	9.3
NNÉ	.6	.1	•6	• 1								1.4	6.3
NE.	.7	. 4	1.1	. 3								2.5	6.6
ENE	1.3	1.3	•6									3.1	4 . 2
£	3.1	3.1	1.0	. 1								7.2	4 • 3
ESE	1.3	3.6	2.5	. 6								7.9	6.3
SE	2.2	3.6	4.0	1.7								11.5	6 • 6
SSE	3.2	5.6	8.3	3 • 8								20.9	7.6
s	2.5	4.6	4.9	3 • 6								15.6	7.5
SSk	. 3	. 8	1.5	3.3	• 7	.3	. 1					7.1	12.4
S¥	. 4	• 1	2.8	2.4	•1	•1						6.0	10.7
ws a	.4	• 6	1.0	• 6	.4	.1						3.1	10.2
×	. 3	. 3	•6	• 6	•4							2.1	10.7
AVA	. 1	. 3	• 3									• 7	5.6
MA	٤ .	• 3	.3									.8	5 . 3
सम्ब	• 1	. 4	.7	• 4								1.7	8 + 3
VARIABLE		• • • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	••••••		••••••
C/ LM	! !!!!!!!!!!!	1111111	11111111	,,,,,,,,	//////	11/1///	,,,,,,,,	1111111	11111111	,,,,,,,	////////	3.8	/////
TOTALS	1   17.4	26.3	30.7	18.9	2.2	•6	. 1					160.6	7.4

GLOBAL CLĮMATOLOGY-BRANCH USAFETAC AÎR KEATHER SERVICE/HAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

DIRECTION   LOEGPEEST	1-3	4-6	7-10	11-16	17-21		IN KNOTS 28-33		•	48-55	GE 56	TOTAL	HE AN WIND
, w		. 8	.6	•5	<b>; · · · · ·</b>	••••••	.2	••••••	• • •,• • • •	••••••		2.2	9.1
nné l	1 .2	. 3 "	1.8	• 2								2.4	8.2
4E 7	• 3	. •8	•2	• 2						,		1.4	5.4
ENC	. 8	• 8	•2	• 2								1.9	4 • 8
ε ;	1.4	3.4	.8		•							5.6	4.7
ESE	2 . 1	2.9	3.5	1.0		1						9.4	6.7
SE	1.4	4 • 8	4.5	• 6		•3						11.7	6.8
SSE .	2.9	6 • 2	5.8	2.6								17.4	6.7
s į	1.8	5∙8	5.9	3.4								15.8	7.5
SSW	• 5	1.8	2 • 4	1.4								6.1	8 • 1
Sk j	1 • 1	1.4	2.6	1.0	•2	• 3	• 2	:2				6.9	9.4
พรพ	. 9	• 5	1.6	. 5	• 3							3.7	8.7
ĸ į	• 3	1 • 3	1.4	<b>s</b> •	÷2							4.0	8 • 4
WNW	• 2	• 2	•8	• 3								1.4	8 • 3
nw i	• 6	• 3	•2	• 2								1.3	5 • 5
ENV	. 5	• 3	8.	• 2	•2							1.9	7.5
VARIABLE	• • • • • • •	• • • • • • •	•••••	•••••	• • • • • •	•••••	•••••	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • • • •	•••••
CALH	1////////	///////////////////////////////////////	,,,,,,,	11111111	,,,,,,	///////	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	6.7	/////
TOTALS	15.0	31 • 5	32.0	12.8	• 8	•6	• 3	•2				100.0	6.8

GLOBAL CLIHATOLOGY BRANCH USAFETAC AIR WEATHER-SERVÍCE/MAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATICH NUMBER: 724680 STATION NAME: FT CARSON/BUTTS 4AF CO

PERIOD OF RECORD: 77-86

HONTH: SEP HOURS(LST): 1800-2000

DIRECTION	1 -3	4-6	7-10	 11-16	WIN 17-21		IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL	HEAN
(DEGREES)	i.	,										*	H1WD
Section of the sectio	1.3	3.7	1.,	1.3	• • • • • • • • •	•••••	•••••	.5	•••••	• • • • • • • •	•••••	8.0	8 • 6
INE		• 5	3.	• 3								2 • 4	6 • 2
¥ NE	[ ], 1,	. •8										1.9	3 • 2
ENE .	.9	• 3		*								1.1	3.€
£,	.8	-• 8	• 3									1.9	4 • 6
E SE	l   +5	1.1	• 3									1.9	4 • 1
SE	1.1	. 1.1	•5		•3							2.9	5.5
SSE.	2.7	2 • 7	• 3									5•6	3.8
<b>S</b> -	2.4	1.1	.3									3.7	3 • 2
SSW	2.7	1.6	3.	• 5								5.6	5.1
SH	5.1	۲.2	1.3	. s	٠,							10.6	5 • C
· VSW	] 5•3	2.9	1.9									10.1	4 • 3
ĸ	4.8	7 • 4	1.6	• 3								14.1	4.6
Ana	1.3	2 • 1	• 3									3.7	4 • 3
NG	1 1.3	1.9	. 3	• 3								3.7	4 • 6
1111.2	19	2.4	2.4	• 5	<b>.</b> 3			*				7.4	6.5
	! : • • • • • • • • • •				• • • • • •				• • • • • • •				
VARIABLE	Ì												
	<i>                                    </i>		11111111	//////////	///////	,,,,,,,	/////////		,,,,,,,	,,,,,,,	,,,,,,,		111111
101ALS	33.8	33 • 5	12.G	4 - 0	•8			• 5				100.0	4.3
• • • • • • • • • • • • • • • • • • • •		• • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •		• • • • • • •	•••••	•••••	

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WLATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBE	R: 724663	STATIÓN	NAME:	FT CARSO	N/BUTÍS	AAF CO			PERIOD Honth:	OF RECORU SEP		86 1: 2100-	2300
• • • • • • • • • • • • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·	•••••••	•••••	• • • • • • • • •			IN KNOTS		• • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • • • • • •
OTRECTION (DEGREES)		4-6	7-1C	11-16	17-21	22-27	28-33	34-40		48-55	GE 56	1019F	MEAN- Wind
R	1.6	6.2	2.1	1.6	•5	.5		• • • • • •	• • • • • • • •	• • • • • • • •		13.0	7.8
nne .	.5	1.0	1.0									2.6	6.2
NΕ	.5											•5	1.0
ENE	.5											•5	1.0
Ĺ.	1 .5	• 5										1.0	3.5
ESE	i .š		•5									1.0	5.5
SE	l .5	2.6										3.1	4 • C
22E	1 65 1	1.6										2.1	4 : 8
\$	1.6	3.6	.5									5.7	9 • 5
SSW	1 .5	1.6	•5		• 5							3 • 1	7.7
2 %	1 3.6	2 • 1	1.0	• 5								7.3	4.6
WSW	4.7	6 • 2										10.9	3.7
¥	3.1	6 • 2	1.0									10.4	4 • 3
កអក	ļ	2.6										2.6	4 • 6
NX	l. 1•0	1.6	1.6	• 5								4.7	6.2
nnv	1 2.1	7.3	3.6	1.3								14 - 1	5.9
VARIABLE	!	•••••	•••••	• • • • • • • • • •	• • • • • • •		••••••	• • • • • •	• • • • • • • •	*******	• • • • • • •	•••••	•••••
CALP	111111111	11111111	1111111	//////////	1111111	,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	11111111	,,,,,,,	17.2	111111
214101	21.9	43 • 2	12.0	3.6	1.0	•5	• 5					100.0	4 . 4

IGLÓBAL CLÍMÁTOLOGY BRÁNCH USAFETÁC AJR HEATHER SERVICE/MAC -PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM PHOURLY OBSERVATIONS STATION NUMBER: TZ4680 STATION NAME: FT CARSON/BUTISWAAF CO PERIOD OF RECORD HONTH: SEP HOURS (LST): WIND SPEED IN KNOTS MEAN WIND. 22-27 28-33 (DÉGREES) 1. Čn 3.€ NNE .6 1.9 5 . 7. • 1 4.2 ΝĘ 1:-1 . 5 . 3 . 1 2:0 3.5 ENE 2.0 1.1 • 6 . 0 Ę ±4 • 1 1.8 1.8 . 4 . 1: 4 . 2 -ESÈ 5.8 1.9 1.5 •.3 5.0 4 • 3 SE 6.0 1.6 . 3.0 2.4 • 5 .0 7.6 SSE 2.5 3.8 145 11.8 .6 **.** 5 3.9 Ş 2.4 3.1 2.9 SŜW 1.4 1.4 -5.0 9.0 . 8 1-.1 .2 . 0 141 3.8 ςĶ 1.3 1.9 1:1 • 1 .1 •0 .5.7 ĸŞ¥ 1.2 1.2 . 4 ۰.2 7 .. 2 ¢ 1.0 .8 **¿** 2 •0 4.1 • 3 5.1 RNR 1.6 • 8 ٠l .ŝ ķβ 1.1 1.4 • 6 3.3 5.2 ning . 5 VARIABLE

100.0

16.2

TOTAL NUMBER OF OBSERVATIONS:

CALM

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GLOBÁL CLÍNATÓLÓGY BRANCH USAFLTAC ATR WEATHER SERVICE/HAC

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PÉŘCĚNTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATIGN NUMBER: 72468C STATION NAME: "FT CARSON/BUTIS AAF CO

PERIOD-OF RECORD: MONTH: OCT HO 77-86 HOURS(LST): 0300-0500 ÑIND SPEED Ñ KNOTS 7-1G 11-16 17-21 22-27 28-33 DIRECTION | MEAN (ÕEBRÉES) 1 MIND 7.C 1.1 2.-2 23.8 s' are . 5 1.1 14 . C • 6 NE ENE . 6 • 6 2 . C ε 1.7 1.1 2.8 3.C ESE ~ · 6 SE 1.1 1.7 3.7 SSE 141 2.2 1.1 4.8 ş, <sup>‡</sup> 7.6 2.8 1.7 • 6 554 **ф** б 4.0 S¥ 10.C WSW • 6 • 6 12.3 1.1 1.7 1 • İ 2.2 3.8 MNS 1.1 1.7 5.0 7.2 1.1 .14.9 6.9 NK 8.3 NNL 1.7 29.3 6 . 1-17.1 2 . 2 VARIABLE CĂLF 13.8 111111 TOTALS 100.0 5.5

TOTAL NUMBER OF DESCRIVATIONS:

GLÓBAL CLIMATÓLOGY BRANCH USAFETAC ATR NEATHER SÉRVICE/MAC

RERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURTY OBSERVATIONS

			•,,,,,,	••••			IN KNOTS	• • • • • •	••••	• • • • • • • •		••••••	••,•••••
IRECTIÓN I DEGREESIA I:	1-3	4-6	7-16		17-21	22-27	·28-33	34-4 <u>0</u>			GE 56	TOTAL 2	MEAN Wind
n J	8,7	.10 - 3	4.7	1,4	1.6	1.1	, 3		*******	*******	•••••	28.0	6.7
NNE I	• Š	. • 5		٠i								1.2;	4 - 2
₩Ē .	•*2	. 4	• 3			•						.9	5 • C
ENE !	• 4	<b>, i 3</b>										.7.	2.8
ξ	• 4	•5										÷9	3 4.3-
ese !	. 5	•.3	•1									9^	3.5.
se .	. 7	,• 9	.3									1.9	43"
SSE _	1.4	-1 • 8	.8						٠			3.9	4 . 8
s i	• Ś	2.4	1.2	. 7								.4.9	6 • 6
SSW	. 7	• 7	.3									-1.6	4 • ,1
sw -	• 4	. 4		• 1								.,9	5 • 3.
หั่งห์ .	. 7	. 1	• 3	٠Š	-							1.6	-7 - 6
*	. \$	• 3	1	• 3		-1						1.4	7.4
शोज	-• 3	.3	. 4									•9	5 • 1
169	.2 • 2	3.5	-1.4									7.0	4 • 8
กมห	5.0	14 • 0	7.9	٠ ٤	• 4			•.1	ļ. •1	1		28.5	6.5
VARIABLE ]	• • • • • • • •	•••••	••••••	•••••	• • • • • • •	• • • • • • •	••••••	••••••	• • • • • • •		•••••	•••••	
CALP !	<i>}}}!!!!</i>	////////	11111111	11111111	1111111	1111111	////////	1111111	1111111	17/////	11111111	14.5	/////
ĮCTALS .	23.2	36 • 7	17.8	ž. 9	2.0	1.2	. 3	• 1	•	1		100.0	5.2

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GLOBAL CLIMATOLÓGY BRANCH USÁFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR MEATHER SERVICE/MAC

STATION NUMBER: 724686 STATION-NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: HOURS(LST): 0900-1100 HONTH: OCT RIND SPEED IN KNOTS 21 22-27 28-33 DIRECTION ! TOTAL HEAN 17-21 11-16 (DEGREES) 1 DNIW 9.3 4.1 3 . 8 2.6 1.1 16.6 KNE 1.8 ÷7 3.4 2.8 NĘ 1.5 1.1 . 3 • 1 3.0 4 . C SNE 2 • 3 1.2 . 1 3.7 3.3 ٤ 1.2 2.7 • 3 4.2 3.3 ESE SΕ 3.9 4 . 2 3.8 11.6 5.3 3.7 5.3 3.5 . 9 SSE 13.4 5.7 .5 3.9 2.0 1.8 • 3 10.6 6.3 \$5¥ . 7 . 9 . 8 ٠1 8.7 5% . 3 . 3 10.3 ws. .3 . 7 • 3 • 3 11.8 . 1 1.6 . . . 3 . 3 .5 • 3 10.4 . 1 1.9 CHC • 3 6.2 . 1 Ni . 1 . 3 3.7 MAX VARIABLE CALM 100.0

GLÓBAL CUIHATOLOGY BRANCH USAFETAC AIR ÁLATHER SERVICÉ/HAC PÉRCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86
HONTH: OCT HOURS(LST): 1200-1400
N KNOTS
28-33 34-40 41-47 48-55 GE 56 TOTAL HEA

_ ••••••••••••••••• 		<i>i .</i>	,	• • • • • • • • • • • • • • • • • • • •	ŔĨŊ	D SPEED	IN KŅOT	s		• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •
OIRECTION		4-6	7-10	1,1-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN Wind
'A' `	.5	1.4	1.5	2.7	1.4	.4	• • • • • • •			••••••		7.9	11.8
NNE	6.3	. 7	1.0	. 3	• 3							2.5	8.6
nĒ	.5	.5	.7	. 3								2 • 1	6.1
ENE	1.6	1.0	.4	• 1								3 • 1	4 • 2
E	3.8,	2.3	.7									6.8	3.7
ese .	2.3	4.1	2.5	. 1								9.0	5 • 2
SE	2 • 2	5 • 1	4.9	1.4								13.5	6.5
SSE	2.9	6.4	6.3	2 • 2								17.8	6.8
\$	2.5	5.2	3.3	2 • 2	.3							13.4	8.6
รรม	8	1.1	. 4	2.3	• 5							5 • 2	10.1
SW	.4	• 7	.7	1.4	•5	.4						4.1	12.0
WSR	.1	. 7	.1	1.4	•3							2.6	10.9
¥	.3	• 5	.8	1.1	• 7	•1						3.6	11.4
ร <sub>ั</sub> นม	.4	. 3	. 4									1.1	4.9
Nk	.3	. 1										.4	2.7
นหน	.3	. 3	• 3	• 3	. 3			.3				1.6	14 • 3
VARIABLE	: !	•••••	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••	•••••	• • • • • • •	• • • • • • • •	• • • • • • •	••••••	••••••	•••••
CALM	111111111	///////	,,,,,,,,	,,,,,,,,,	7717177	1111111	,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	5.2	/////
101412	19.3 1	30 : 4	23.9	15.7	4.2	1.0		• 3	;			100.0	7.1

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED-FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

PEPIOD OF RECORD: HONTH: OCT HO PRD: 77-86 -HOURS(LST): 1500-1700 WIND SPEED IN KNOTS 21 22-27 26-33 DÍRECTION-MEAN 1-3 TOTAL 11-16 17-21 IDEGREESI WIND 1.3 3.5 •2 9.7 10.7 . 5 2.3 .8 . 2 NNE 2.2 ÷ 2 6.4 . 8 1.1 . 2 ٦Ã • 6 . 6 .5 . 2 1.9 5.3 6.5 ENE 1.6 1.1 1.1 . 6 3.8 ٤ 2 • I 1.6 •5 4.1 3.8 ese. 7.0 1.6 3.8 1.3 . 3 5.2 SÉ 5.4 3.5 1.7 13.8 3.2 6.2 2.1 SSE 4.1 7:0 7.6 20.8 6.5 Ş 2.5 3.5 3.0 1.7 • 3 11.1 6.8 SSW 1 • 4 • 6 1.1 1.0 • 3 •3 4.8 8.9 5% . 8 1.0 1.4 1.3 . 3 4.8 8.7 WSW 1.4 . 3 • 2 3.5 8.0 . 3 1.1 .2 ٠2 . 3 1.6 1.1 3.2 9.8 MAN • 2 • 2 • 5 . 5 • 2 1.4 10.7 NY . 5 ٠2 7.0 HNE • 3 . 2 • 2 9.6 . 2 .6 VARIABLE CALM TOTALS 100.0 .8 . 2

TOTAL NUMBER OF OBSERVATIONS:

GLOBAT ČLIHATOLOGY BRANCH ÚSÁFETÁG ÁTR HEATPER SERVÍÇE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM POURLY OBSERVATIONS

STATION NUMBER: 724689 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86
HONTH: OCT HOURS(LST): 1850-2000 WIND SPEED IN KNOTS

COEGREES!	1 -3	À=6	7-10	1-1-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL X	MEAN Und
K .	ļ. 2; <u>Î</u>	6.1	3.7	2.7	• • • • • • •	.3	• • • • • • •	••••••	•••••	• • • • • • • •	•••••	14.9	7.4
RHE	: .8	•,5										1.3	3 • 4
" NE -	.5	. 3	. 3									1.1	3.8
EHE	5.											.8	1.7
ε	.3	• 3		•								• 5	3 • 5
ESE	i.i	• 3										1.3	2.8
SE	.5	• 5										1 • 1	4 • C
sse j	1.1.	1.3	•5									2.9	4 • 3
S	2.5	2.9	1.6	. 3								7.7	4.6
SSW	2.1	1.1	• 3	. 3								3.7	4 • C
SW	3.2	1.6	.5	. 5								5.9	4 + 1
usu	8.2	5.3	• 3									13.8	3 • 1
¥	4.8	4.8	.5									10.1	4 • C
ana:	1.1	1.1	1.1									3.2	4.5
NV	.9	2.4	1.1								•	4.3	5.7
UNK	3.7	4.3	1.6	• 5		•3	• 3	;				10.6	6 • C
VARIABLE		•••••	•••••	• • • • • • • •	• • • • • • •	••••••	•••••	• • • • • • •	•••••	•••••	• • • • • • • •	• • • • • • • • •	•••••
CVFL	1111111111	///////	////////	11111111	///////	1111111	,,,,,,,	11111111	11111111	///////	////////	16.8	/////
2/4/101	34.0	32.7	12.4	4.3		•5	• 3	<b>;</b>				100.0	4.€

GLOBAL CLIMATOLOGY BRANCHUSAFETAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

AIR SEATHER SERVICE/MAC

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 2100-2300

•••••		• • • • • • • •	•••••	• • • • • • • •	win	D SPEED	IN KNOTS	• • • • • • • • • • • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •
DIFECTION (DEGREES)		4-6	7-10	i 1 - 16	17-21	22-27	28-33	34-48	41-47	48-55	GE 56	TCTAL	ME AN
N	3.0	4.4	5.¢	2.0	.5	• • • • • • •	•••••	• • • • • • • •	•••••	•••••	•••••	15.8	7,1
NNE	.5		•5	1.5								2.5	9.0
NE	! !	• 5	•\$									1.0	6.0
ENE	! 												
ξ	1.6		•5									1.5	5 • C
ESE	.5											• 5	2.0
SE	! !												
388	1.0	1.9										2.0	4 • C
\$	2.5	2.0	• 5	• 5								5.4	4.5
SSW	1.5	• 5										2.0	2.5
รพ	3.4	2.0										5.4	2.8
WSW	4.4	2.0	. 5	1.0								7.9	4.7
¥	2.5	3 • C	2.0					•				7.4	4.3
wnw	2.0	1.5	1.0									4.4	3.9
ng	3.4	5.4	3.0									11.8	4.8
Rus	4.4	9.4	5.4	1.0								20.2	5.5
PARIABLE	!	•••••	******	• • • • • • • •	• • • • • •	• • • • • • •	••••••	• • • • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •
CALH	,,,,,,,,	////////	11111111	11111111	///////	1111111	11111111	,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	12.3	111111
101/LS	30.C	31.5	19.7	\$.9	.5							100.0	4.5

GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR MEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

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PERIOD OF RECORD: 77-86
HONTH: OCT HOURS (LST): STATION NUMBER: 72468C STATION NAME: FT CARSON/BUITS AAF CO ALL

	]				NI	D SPEED	IN KNOTS						
DIRECTION   (DEGREES)		4-6	7-10	11-16	17-21	22-27	28-33	34-40	43-47	48-55	GE 56	TOTAL 3	MEAN Wind
		• • • • • • •	•••••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •		• • • • • • • • • •	• • • • • • •	· · · · · · · · ·	• • • • • • • •	• • • • • • • •	• • • • • • • • • •	••••••
N I	3.4	4.9	3.5	2.4	1.0	•8	• 1					16.1	8.3
3111	• 8	• 5	.5	. 2	.1							2 • 1	5.7
NE	•6	• 6	. 4	• 1								1.7	4.5
ENE	1.2	• 7	.3	• 1								2 • 3	4.4
ε	1.9	1.2	•3									3.4	3.6
ese	1 • 4	1.8	.9	• 1								4 + 3	4.9
sε	2 • 1	3.1	2.3	. 7								8.1	5.9
SSE	2.6	4.3	3.6	1.0								11.5	6.2
s	2.3	3.2	2.1	1.3	•2							9.1	6.4
\$S#	1.1	• 6	.5	. 8	•2	•1						3.3	7.9
Sh	. 9	• 7	•\$	• 3	•2	•1						3.2	8.1
KSK	1.4	1 • 1	.4	• 6	. 1	•0						3.7	6.4
¥	, 9	• 9	3.	• 5	•2	•1						3.5	7.7
rnn	.5	. 4	.5	. 1	.9							1.5	5 • 8
tt#	. 9	1.7	.9	. 1								3.6	5.3
ens	2.1	5.0	2.8	. 5	•2	•1	. 1	•1	•0	• c		11.0	6.8
VARIABLE	•••••	• • • • • • •	******	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	•••••	•••••	• • • • • • • •	•••••
CALY	1111111111	////////	11111111	,,,,,,,,	1111111	7//////	,,,,,,,,	1111111	,,,,,,,	///////	,,,,,,,	11.6	111111
TOTALS	24.0	30.9	20.4	9.4	2.1	1.5	• 2	•1	•0	•0		100.0	5.8
	• • • • • • • • •	• • • • • • •						• • • • • • •	,	*******			

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERIOD OF RECORD: HOURS(LST): 0300-0500 MONTH: NOV WIND SPEED IN KNOTS MEAN WIND DIRECTION 41-47 17-21 22-27 28-33 34-46 48-55 GE 56 TOTAL IDEGREES! z ..... 5.C 100.0 100.C MME NE ENE ξ ESE SE SSE S SSW VSW FHA NR HNY VARIABLE CALM 100.0 TOTAL NUMBER OF OPSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR ACATHER SERVICE/MAC

PERCENTAGE FFE QUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

	i *			• • • • • • • • •	¥II	ND SPEED	IN KNOTS					• • • • • • • • • •	•••••
DEPRECTION		4 -6	7-10		*	_	28-33	-				TCTAL	MEAN WIND
li l	4.1	9•,7	6.2	1.8	.3	5	•2	•2	••••••	••••••	•••••	22.9	7. C
MNE	. 8	• 7	.5		,	•						2.0	4.7
NE	•3	• 3	• 5	٠								1.1	5.3
ENE	•5	·ż	•3									1.0	4 • 2
ű.	٠,٦	. 3	•2									1.1	3.9
ESE	,	<b>•</b> 5										•5	5.0
SE	• 3	1.0	•3	• 2								1.8	5.9
SSE	.5	<b>÷</b> 5	•7	. 2								1.8	5.9
s	1.5	1.3	.8	• 3								3.0	5.2
S\$4	.1	.8		• 3								1.6	5.6
SW	• 3	٠,٩	•2									1.3	5.1
หรห	•₹	• 5	.8	. 8	• 3	•2						3.3	9.8
ĸ	1.1	1.0	1.1	1.0		•						4.3	7.5
นเน	.5	1.3	•3	• 2								2.3	5.4
es.	2+1	4.7	2.3									9.2	5 • 4
เพพ	7.4	11.6	6.7	1.0								26.7	5.3
VARIABLE		•••••	• • • • • • •	• • • • • • • • •	• • • • • • •	•••••	•••••	• • • • • •	••••••	•••••	•••••	• • • • • • • • •	•••••
CALM	,,,,,,,,,	,,,,,,,	1114111	,,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	1111111	,,,,,,,	,,,,,,,,	,,,,,,,,	15.1	111111
TOTALS	21.4	35 • 2	20.9	5.7	.7	•7	• 2	.2				100.0	5 • 1

TOTAL NUMBER OF OBSERVATIONS: 611

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GLORAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

計畫

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM POURLY OBSERVATIONS

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PERIOD OF RECORD: HONTH: NOV HO RO: 77-86 HOURS(LST): 0900-1100 STATION NUMBER: 724680 STATION NAME: FT CARSONYBUTTS AAF CÓ-WIND SPEED IN KNOTS 21 22-27 28-33 DIRECTION ! 41-47 MEAN WIND 17-21 34-48 GE 56 TOTAL

(DCGKCC3)								-		•	M1410	
¥	3.4	5.6	3,9	1.9	1.1	•ź	. 3	.2	• • • • • • • • • • • • • • • • • • • •	16.5	7.9	•
NNE	- 154	1.2	.5	• 2		•2	•2			3.6	6.4	
HE	1.2	- <b>∔</b> 5	•2	• 2						2.0	4.4	
ENE	1.9	4.1	• ź							3.1	3.5	
ε	5.0	1.4	.8	• 2						4.3	4.5	
-ESE	1 2.4	.5	•5	• 2						2.5	4.6	
se	1.7	1.6	1.4	• 2						4.8	5 • 1	
SSE	2.8	3 • 6	2.6	• 3						9.3	5.1	
\$	2.8	3 • 7	3.9	1.1	• 3					11.8	6.6	
422	.3	• 8 •	•6	• 5						2.2	7 • 3	
sw	.6	. 3	• 9	• B	• 2					2.8	8.4	
นรม	.6	. 8	•6	• 9	• 8	•5-				4.2	12.1	
₩	l. •2	• 3	• 3	• 6	.8	•5				2.6	14.4	
RUN	! !		• 3	• 3	• 2					.8	12.4	
หน	1.1	. 8	•5	• 2						2.5	4.9	
หหน	2.5	2.2	8•	. 3		•2				5.9	5.1	
VARIABLE			• • • • • • •	• • • • • • • •		• • • • • • • •			• • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•
CALM	1111111111	11111111	11111111	//////////	,,,,,,,,	,,,,,,,,	11111111	,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	// 21.1	111111	
TOTALS	]   23.7 	24.2	17.9	7.6	3.3	1.4	• 5	•2		100.0	5.3	

GLOBAL ČLIMATOLOGÝ BRANCH USAFETAC ŘÍŘ HEATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF OCCUPRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AT TON JNUMBER	: 72468C	STATIÓN	NAME:	FT CARSO	N/BUTIS	AAF CC			PERIOD MONTH:	OF RECOR		-86 T): 1200-	1400
DIRECTION   OLGREES)	1 <i>4</i> 3	4 <del>-</del> 6	7-10	•	₩11 17-21		28-33		41-47	48-55	ĞΕ 56	TOTAL	MEA'N MEA'N
		2.0	2.5	3. 9	1.7	.2	•••••••	• • • • • •	•••••	• • • • • • • •	•••••	11.1	12.4
une	1:1	•5	¥8	• 5	•							2.8	6.1
NE I	• 5	• 2	•2							,		.8	3 • 8
EnÉ	146	1 • 7		• 2							•	3.4	3.7
τ ;	2 • C	3 • 6	1.7	<b>i 2</b>								ï.5	5.2
ESE .	4.1	2.0	1.4	• 5					•			8.0	4.5
SE .	3.4	4 • 1	2.4	• 5								10.3	5 • 1
SSE	2.5	5.5	3.9	2.0	• 3							14.3	6 • 9
s	2.7	4 • 2	3.6	3 • 8	•6							14.9	7.5
ssw	. 6	• 3	•5	. 143	•5							3.1	10.5
SW		•2	. 9	1.4	• 5	•3	• 2					3 • 3	14.8
wsw	• 2	. 5	•8	1.1	1.5							3.8	12.5
ਮ	• 2	• 2	•6	• 9	• 3		. 9		• 2			3.3	17.9
นหน	• 2	. •3	.3	• 9	•2							1.9	10.8
NV		• 2		. 3	• 2							• 6	11.8
เหพ	• 2	• 5	•5									1.1	6 • C
VARIAGLE	• • • • • • • •	• • • • • • •	•••••	•••••	• • • • • •	•••••	• • • • • • • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • • • •	• • • • • • • • •
בגני ן.	111111111	11111111	11111111	11111111	//////	1111111	////////	//////	,,,,,,,,	,,,,,,,,	,,,,,,,,	9.7	/////
TOTALS	19.9	25 # 9	19.9	16.5	5.5	•5	2.0		• 2			100.0	7.3

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE VINO-DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
HONTH: NOV HOURS (LST): 1500-1700 STATION NUMBER: 724680 STATION HAME: FI CARSON/BUTTS AAF CO

DIRECTION	I-	4-6.	7-13	11-16	#II 17-21	ND SPEED 22-27	IN KNOTS 28-33	39-40	41-47	48-55	GE 56	TGTAL	MEAN
(DEGREES)	t <sup>*</sup>							· · · · · · · · · · · · · · · · · · ·				1	WIND
N	1.5	1.5	3.5	3.0	1.7	•3	. 3	.3	• • • • • • • •	•••••	• • • • • • •	11.3	12.7
NNE 1	.2	• ¢	.7	• 2								1.9	5.8
NE	.2	• 2	.3									.7	5.8
ENE	1.5	•7	•2									1.9	4 • 1
£	1.4	1.4										2.8	3.3
ESE	2.3	2 • 3	1.9	• 2								6.6	5.1
SŁ	2.6	4.5	2.8	. 7								10.1	5.6
SSE	3.5	5 • 6	3.7	2.3								15.0	6.1
s	2.6	6 • 1	3.8	1.2								13.7	6 • 2
ssu	• 3	1.0	• 7	1.2					•			3.3	8 • 2
รห	1.2	• 3	1.0	1.6	.7							4.9	9.4
wsw	•5	1.0	1.0	1.9	• 3							4.9	9.7
ħ.	•5	1.6	1.4	1.6	• 3							4.9	9.7
ANA	•3		• 3		•2		.2					1.0	10.7
អ្	1.2	• 5		. 2		•2						2.1	5.8
NNW	.5	• 5	.7	• 9	•2							2.8	8 • 6
VARIABLE !		•••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • • • •			• • • • • • •		• • • • • • •	• • • • • • • • •	
1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,				,,,,,,,,	,,,,,,,,,		,,,,,,,,	,,,,,,,,		12.2	111111
1	1									,,,,,,,,,,			
TOTALS	19•5	26 • 6	22.1	14.8	3.5	•5	•5	• 3				100.0	6 • 6

. GLOBAL CLIMATOLOGY BRANCH USAFCIAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

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PERIOD OF RECORD: HONTH: NOV HOU 77-86 STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO HOURS(LST): 1800-2000

IRECTION I	1-3	4-6	7-10	1 Î - 16	17-21	22-27	IN KNOTS 28-33	34-40	41-47	49-55	GE 56	TOTAL	HEAN Onlw
N I	3.2	2.6	4.2	2.2	1.6	• • • • • • • •	• • • • • • •	• • • • • • •	••••••	• • • • • • •	•••••	13.7	8.7
HNE !	.• 6	.6										1.3	3.5
NE	. 6	. 3										1.0	3 <b>.</b> C
ENÉ		. 3										• 3	5 <b>.</b> C
. !	• 3		.3									.6	4.5
CSE		3		. 3								.6	8.0
sε		1.9										1.9	4.3
SSE	1.5	1.3	•3									3.5	3.8
s į	1.6	4.2	1.3									7.0	4.6
ssw	. 6	1.6		• 3								2.6	5.0
SW	1.3	1.3	•6	1.0								4.2	6.2
45%	2 • 6	3.2	1.0	1.0		•3						8.0	6.0
v	3.2	2.9	1.9	. 3								8.3	5.0
un.	1.5	1.3		. 3								2.6	5.3
นะ	3 • 5	4.2	1.3	. 3								9.3	4 • 5
NNE I	3 . 2	7.3	1.6	1.6								13.7	5.9
VARIABLE !	• • • • • • • • • • • • • • • • • • •	• • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	••••••	• • • • • • • •	•••••
CALM	,,,,,,,,,,,	1111111	11/1/1/1/	11111111	7777777	,,,,,,,,	///////	///////	///////	,,,,,,,	///////	21.4	111111
TOTALS	23.6	33.2	12.5	7.3	1.6	•3						100.0	4.5

GLOBAL CLIMATCLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

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PERIOD OF RECORD: HONTH: NOV HOL ORD: 77-86 Hours(LST): 2100-2300 STATION NUMBER: 72468G STATION\_NAME: FT CARSON/BUTTS AAF CO

•••••		•••••	• • • • • • • •	• • • • • • • •	ıI.	D SPEED	IN KNCT	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	• • • • • • • •	•••••	• • • • • • • •	•••••
OTRECTION (DEGREES)		4-6	7-13	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE S6	TOTAL	MEAN WIND
Ņ	5.3	4.6	4.9	1. 1	•7	.7		• • • • • • • •	• • • • • • •	• • • • • • •	•••••	17.3	7 <b>.</b> c
HHE	.4	. 4										• 7	4 • C
чE	.7											.7	2.5
343	.7	. 4										1.1	2 • 3
Ĕ	.4	.7										1.1	4 • C
ESE	! !												
SE	1.4	1.4										2.8	3 - 3
\$\$E	1.1	.7	.4	1. 1								3.2	6.7
s	2 • 1	.7	1.8									4.6	4.8
SSK	. 4	. 7	. 4									1.4	4.8
sk	.7	• 7										1.4	3.5
WSW	1.1	. 7	• 7	1.1								3.5	7.1
ម	1.8	• 7		. 4	• 4							3.2	5.7
282	2.1	. 4	•4	. 4				.4				3.5	7.6
un	2.8	6.4	2 • 8									12.0	5 • C
ntex	5.3	14.8	7 - 1	1.1								28.3	5.5
VARIABLE			•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	••••••	• • • • • • •		• • • • • • •	• • • • • • •	•••••		
		,,,,,,,,	,,,,,,,,,	,,,,,,,,,			,,,,,,,	,,,,,,,	,,,,,,,,,	,,,,,,,,	,,,,,,,,	15.2	111111
	i									,,,,,,,,			
TOTALS	l 26.1 I	33.2	18.4	4.9	1.1	•7		. 4				100.0	4.8
	• • • • • • • • • •	• • • • • • • •			• • • • • • •	• • • • • • • •					• • • • • • • •	• • • • • • • •	

GLOBAL CLIPATOLOGY BRANCH USAFETAC -AIR LEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

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<u>.</u>	• • • • • • • • •	• • • • • • • •	•••••	<i></i>	• • • • • • •	• • • • • •	• • •	******	• • • • •	• • • • •		• • • • •	• • • • •	• • • • • • • • •	•••••
DIRECTION 1 (DEGREES)		4-6		11-16	17-21	22-2	7							TGTAL	ME AN Wind
n l	2.7	4.4	4.1		1.2		.3			1	• • • • • • • •	• • • • •	• • • • •	15.5	8.5
nne	. 3	• 8	.5	• 2			.0	•0						2.3	5.9
3ลู	٠.	. 3	.2	• 0										1.1	4.4
ENE	1.1	• 14	. 1	• 5										2.1	3.7
E	1 . 3	1.4	.6	. 1		i								3.4	4.6
rse	1.6	i • 1	.8	• 2										3.6	4.8
SE !	3.1	2.4	1.4	• 3										5.9	5 • 2
SSE I	2 • 2	3.2	2.3	1.0	• 1									8.7	6 • C
s į	2 • 3	3.6	2.7	1.3	•2									10.1	6.6
รระ	. 5	• 8	. 4	. 7	.1									2.5	7.7
sw j	. 6	• 5	. 7	• 8	• 3		• 1	•0						3.0	9.4
454	. 8	• 9	. e	1.1	•6		•2							4.4	9.8
r į	. 9	. 8	.9	• 9	• 3		• 1	• 2			•0			4.1	10.C
ะหม	. 5	• 5	. 3	. 4	. 1			•0	•	0				1.8	8.2
κ <b>»</b> .	1.5	2.3	• 9	• 2	•0		•0							4.9	5.3
NN.	2.9	5 • 1	2.5	. 7	•0		•0							11.3	5.5
V/RIABLE		•••••	• • • • • • •		• • • • • • •	• • • • •	•••	• • • • • • • • • • • • • • • • • • • •	• • • • •	• • • • •	• • • • • • • •	• • • • •	•••••	• • • • • • • •	
CALM	111411111	,,,,,,,,	//////	,,,,,,,,,	1111111	,,,,,	///	/////////	/////	/////	,,,,,,,,	/////	11111	15.3	111111
TOTALS	21.9	29.5	19.2	15.1	2.9		.7	.7		2	.0			100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 3065

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GLOB/L CLIHATOLOGY BRANCH USAFETAC AIR XEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

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		2141108	HANE:	FT CARS	0.4760115	AAF CU			PERIOD MONTH:		HOURS (LS)	-81,83 (): G309-	05 00
• • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	•••••	• • • • • • •			IN KNOTS		• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	•••••
OTRECTION (OCCRECS)	1-3	4-6			17-21		28-33		41-47	48-55	GE 56	TOTAL	HEAN Wind
h l	• • • • • • • •	10.6	•••••	• • • • • • •	•••••	• • • • • • •	••••••	• • • • • • •	••••••	• • • • • • • •	• • • • • • •	10.0	4 • C
nne													
NE													
ENE !													
٤													
ESE !													
se i													
sse i									•				
s i		10.0										10.0	6 • C
รรพ โ	10∙€		10.0	į								50.0	5 • C
su !													
ี หระ													
N İ					10.0							10.0	20 • C
rww		10.0										10.0	4 • C
1 NM													
หหม	10 • C	20.9										30.0	3.3
VARIABLE, I			• • • • • •	• • • • • • •	•••••	• • • • • • •	••••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	
l l		,,,,,,,,	,,,,,,,	11111111	////////	////////	,,,,,,,,,	//////	///////	////////	,,,,,,,,,,,	10.0	111111
ICIALS	20.0	50 • Q	10.0		19.9							100.0	5.4

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FFEQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

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DIRECTION   OCCUREES)	1-3	4-6	7-10		17-21	22-27		34-40		-	GE 56	TOTAL	ME AN Wind
1 11	4.1	6.5	4.1		1.0			• • • • • • •	••••••	• • • • • • • •	•••••	19.5	7.3
NNE I	1.0	1.0	• 3									2.2	4 - 1
NE .	• 6	•2										.8	2.6
EHE	.6	.6										1.3	3.5
٤	• ?	• 3	•2									• 8	5.4
ESE !	• 2	.:										• 3	4.5
SE	1.0	.6	•5	• 2								2 • 2	4.8
SSE	1 • 1	1.4	1.0	• 3								3.8	5.3
s	2 • 2	2 • 1	•6	1.3								6.2	5.7
ssw	. 6	• 9	•3	. 5								2 • 2	6.8
SW .	٠٤	1.9	.8	• 2								2.7	5.8
454	1.9	• 6	•2	• 3		•2	.2		*			3.3	6.0
	1.1	1.0	1.4	• 2		•5						4.1	7,6
Auk [	• 6	1.0	•5									2.1	5.0
หล	2 • 1	3.2	1.6	. 3								7.1	5 • 3
RNS	4.3	11.3	6.7	1.4	•2	•						23.8	5.8
VARIABLE	••••••	• • • • • • •	•••••		• • • • • •	•••••	••••••	• • • • • •	•••••	• • • • • • • •	•••••	• • • • • • • •	•••••
CVFA	111111111	,,,,,,,	1111111	11111111	1111111	,,,,,,,,	,,,,,,,,	1111111	,,,,,,,	,,,,,,,,	,,,,,,,,	17.6	111111
101ALS	22 • 5	31.5	18.1	8.1	1.1	1.0	.2					100.0	5.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC " AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

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DIRECTION DUCKEES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34~40	41-47	48-55	GE 56	TGTAL	MEAN
N .	5.7	5.6	3.4	2.5	7	.4	.3	•••••	•••••	••••••	•••••	18.6	7.2
ene i	1.8	. 3	•9	. 3	• 1							3.4	5.7
34	1.3	. 9										2.2	2.9
ENE	1.0	• 6	• 3	. 3								2.2	4.9
£	1 • 2	1.0	•6	. 1								2 • 9	4.3
E SE.	~· 3	1.0	•6									1.9	5.2
SE	1.9	1.6	.9	. 3								4.7	4.9
SSE	ù.5	2.5	2.0	. 4								9.5	4.7
s	2.2	3 + 8	2.3	. 9								9.2	5.7
รรห	. 7	• 6	• 9	1.0	• 4							3 • 7	9.4
SW	. 1		•7	. 4	• 1							1.5	10.2
h.Sir	. 4	• 3	.4	. 7	.4	.1						2.5	11.7
N	. 4	• 3	• 1	. 7	•	.3		. 1				2.0	12.4
unu		• 1	• 3	• 1								• 6	8 • C
₹v\$v [	. 9	1.9	•3	. 1	. 1							2.5	5 • 4
808	# ÷ C	5.1	2.8	1.0								12.9	5.4
VARIABLE J	• • • • • • • • • •	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • • • •	•••••
CALM [	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7///////	///////	////////	///////	11111111	,,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,	11111111	19.8	111111
TOTÁLS I	26.5	24.7	16.5	9.1	2.0	•9	. 3	• 1				100.0	5.0

GLOBAL CLIMATOLOGY BR MICHUSAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

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AIR WEATHER SERVICE/MAC

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STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 77-86 MONTH: DEC HOURS (LST): 1200-1400 WIND SPEED IN KNOTS 17-21 22-27 28-33 DIRECTION | GE 56 TCTAL HEAH (DEGREES) 1 1 WIND 74 2.5 2.2 2.2 3.9 • 7 .4 12.1 9.3 RHE 1.3 • 6 . 4 . 1 2.5 4.8 ΠE 1.0 . 9 2.5 4.4 .6 THE . 4; . 7 . 3 2.7 1.2 5.7 ٤ 2 . 2 1.5 • 9 4.6 4.2 ESE 1.9 3.0 1.9 6.9 5.1 SE 4.6 3.7 3.0 . 1 11.5 4.8 SSE 3.3 5.8 3.4 13.4 -.6 ٤ 3.6 3.6 4.8 14.3 6.7 SSW 1.0 . 3 .6 . 6 • 3 2.8 7.8 SH . 1 . 1 . 9 1.5 . 4 3.1 11.9 WSW . 3 . 1 1.0 . 3 3.0 .6 . 1 14.2 Ĺ . 6 . 3 . 7 . 4 .6 .4 . 1 3.3 12.6 иии . : . 1 . 4 • 3 . 1 • 1 1.3 11.4 HU. . 3 . 3 . 1 . 1 . 9 7.3 Rus . 3 1.3 . 3 . 1 • 4 . ì 10.€ VARIABLE CALM 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FRECUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

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PERIOD OF RECORU: HONTH: DEC FOL STATION NUMBER: 724662 STATION NAME: FT CARSON/BUTTS AAF CO 77-86 HOURS (LST): 1500-1700 #IND SPEED IN KNOTS 21 22-27 26-33 DIRECTION ! 7-1C 11-16 17-21 41-47 48-55 GE 56 TOTAL HEAN 1-3 4 -6 (DEGREES) | WIND × 1.5 2.4 2.7 • 3 8 . 5 1.5 .3 8.9 MHE 1.4 • 3 . 3 ٠ 2 2.2 4.2 ٠2 2.9 NE 1.4 ENE 1.0 . 7 ٠,5 2.2 4.1 £ 1.7 .5 3.6 4.1 . 7 4.1 ESE 1.5 1.5 3.8 8.5 5.C 2.6 4.3 1.2 . 5 3.5 5 . C : 50 4 . 8 2.2 1.0 12.6 . 9 12.8 SSW 3.6 7.5 1.0 . 5 1.2 . 9 SX ٠2 ٠5 2. 1 • 3 3.2 12.8 . 7 2.2 9.1 • Z .7 ¥ . 9 . 3 1.2 4.1 12.9 • 3 . 2 . 2 LNW . 5 • 5 .2 . 2 1.4 5 . C . 3 . 2 4.7 3.6 1.5 3.1 MNY 1.2 . 5 4.8 5.8 1.5 1.5 VARIABLE C41.!! 20.0 /////

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY RPANCH USAFETAC AIR ALATHER SERVICE/HAC

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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PERIOD OF RECORD: 77-86

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									: 4THOH	DEC	POURS (LS	T): 1800-	2000
ļ							IN KNOTS		· · · · · · · · · · · · · · · · · · ·		_	•••••	
DIFECTION ! (DEGREES)	1-3	4-6	710	<u>1</u> 1 – 16	17-21	22-27	28-33	34-4G	41-47	48-55	GE S6	TOTAL	me an Wind
N I	3.C	5 • 6	2.3	•••••	.4	• • • • • • • •	•••••	•••••	• • • • • • •	•••••		11.3	5.4
ике  -	• 8	1.5										2.3	3 • 8
NE	. 4	1.1										1.5	4 • C
ENE													
ε !	1 - 1	• 4										1.5	3 • C
ESE		2 4	•4									.8	5.5
SE		1.5	•8									2.3	7 • C
SSE	2.6	2 • 3		•								4.9	3.4
s	1.9	3.0	. 4	1.1								6.4	5.5
SSW	2.5	1.1	1.9	1.1								6.4	6.2
s# i	1.9	1.1	•8	1.1								4.9	6.2
45%	1.9	1.9	2.3	. 8								6.8	6 • 1
* !	2 • 3	2 • 6	1.5	. 4								6.8	5 • 2
wnw	1 • 5					.4						1.9	6.6
ns [	3.0	1.9	2.6	. 4								7.9	5 • 4
ากะ	4.5	9.8	3.0	. 4	.4							18.0	5.3
VARIABLE I	•••••			•••••		• • • • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	•••••		•••••
1	17777774	,,,,,,,,	11111111	11111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(1111111	/////////	//////	////////	,,,,,,,	,,,,,,,,	16.5	111111
TOTALS	27.1	34.2	15.8	5.3	•8	.4						100.0	4 • 5

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR KEATKER SERVICE/MAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

•••••	• • • • • • • • •	••••	••••••	wind speed in					*************************				
IRECTION   DEGREES)	1-3	4-6	7-10		17-21	22-27	28-33	34-4C	41-47		GE 56.	TOTAL	MEAN MEAN
in-	4.8	3,5	3.1	. 9		•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •		••••••	••••••	12.7	5.8
388	• 9	1.8										2.6	3 • 8
ис	. 9	•										.9	2.9
EHE !		. 4										. 4	4 . (
ε !													
323			_										
SE			3.1									3.1	e • :
SSE	1.8	2.6	•9									5 • 3	4.1
s	1 - 3	2 • 6		. 4								4.4	5.
ssx			•9	. 4								1.3	10.
SW	1.6	2.2	1.3	. 9								6 • 1	-6 •
ชรม	. 9	۰.	2.6	• 9	•4							5.7	8.
น į	. 4	2.6	1.8			,4	• 4					5.7	9.
นเหม	. 4	1.3	1.3				•					3 • 1	5.
NW j	2.6	<b>3.1</b>	1.8	. 9								8.3	5.
มหม [	7.5	11.9	3.9									22.8	4.
VARIABLE	<i>.</i>	•••••		• • • • • • • •		• • • • • • •	•••••	• • • • • •	• • • • • • • •	•••••	•••••	• • • • • • • •	•••••
CALH .	,,,,,,,,,,	////////	11/1///	///////////////////////////////////////	,,,,,,,,	1111111	,,,,,,,,,	//////	,,,,,,,,	,,,,,,,	11111111	17.5	11111
TOTALS	23.2	32.5	20.6	4:4	.9	.4	. 4					100.8	4.1

とれたとのであるとなり、それをいるとうないとものできないというできない。 これでは、それでは、これでは、これでは、これでは、これにはなっているというないできない。 はんかい はんかい はんしょう かんかい かいかい かんかい しょうしゅう しゅうしょ しゅうしゅう しゅうしゅう

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

	••••••	• • • • • • • •	•••••	• • • • • • • • •	AI#	B SPEED	IN-KNOTS			• • • • • • •	******	, • • • • • • • • • • • • • • • • •	••••••
DIRECTION I		4 -6	7-10	11-16	17-21	22-2-7	28-33	34-40	41-47	48-55	GE 56	TOTAL 2	ŘÉAŇ UND
N	3.6	4 . 1	3.0	2.7	.7	13	•1	•••••	••••••	••••••	••••••	14.4	7.6
าทย !	i.3	• 7	•4	• 1	• 1							2.6	4.7
NE	1.0	• 8	•1	~	•0							2.0	3.7
ENE !	. 8	• 5	•3	. 1								1.8	4.7
ε	1 • 2	4.0	•5	.0								2.6	4 • 2
E ŠE	. e	1.2	.7									2.8	4.9
'SE	2.1	2.2	1.5	• 2								6.1	5.1
SSE	3.2	3.4	1.9	. 6								9.0	5 • 1
S !	2.9	3 - 3	2.3	1.3								9.8	5.9
ssu !	.9	÷6	•9	. 7	•2							3.3	7.8
Siv I	. 6	• \$	•8	1.0	•2	•						3.1	9 • 2
พรห	. 8	• 5	.8	. 7	• 3	•1	. 1					3.3	9.2
, i	. 8	• \$	.9	• 6	•2	.4	• 1	. 1				3.8	10.1
พหน ไ	. 4	• 5	.4	. 1	•0	.1						1.5	6.7
NA I	1 • 3	1.6	•8	• 2	•0	•0			-			4.1	5 • 3
หพว	3 • 1	5 • 6	2.8	• 7	.1							12.3	5.5
VARIABLE	• • • • • • • • • • • • • • • • • • • •		•••••	• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	•••••	• • • • • • • •	
CYFN	1111111111	,,,,,,,	1111111	11111111	,,,,,,,	1111111	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	17.5	,,,,,
101ALS	24.8	27 . 4	18.1	9.1	1.8	.9	•2	.1				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 3073

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GLOBAL CLIMATOLOGY-5R ANCH

PERCENTAGE FREQUENCY OF GCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 72468C STATION-NAME: -FT CARSON/BUTTS AAF CO

PERIOD OF RECORDS MONTH: ALL HÓ HOURS (LST'): ALL WIND SPEED IN-KNOTS TCTAL MEAN GE 56 (DEGREES) 1 WIND Ň 9∙€ 3. Î 2.7 •0 15.5 NNE •7 • 3 • 1 ٠Ü • 0 2.8 6:1 1.0 . 8 2.2 NE , 9 . 7 •0 4.8 . 1 4.6 ENC . 9 .0 2.2 • 8 . 4 . 1 ε 1.4 • 9 . 1 • 0 : 3 4:1 5.0 1.6 .0 323 .0 • 3 4.5 5.8 1.2 1.7 1.2 . 3 8٤ 1.7 2.6 2.3 . 8 .0 .0 7.5 6.3 SSE 2.1 3.2 1.3 .0 10.1 6.6 \$ • 2 •0 7.5 SSW • 5 ٠2 . 0 3.6 8.6 Sh . 8 . 7 . . 8 ٠â . 3 . 1 . 0 .0 3.5 8.8 .7 WSW . 8 .. 8 . 6 .2 .1 .0 .0 3.3 8.4 ¥ . 7 . 8 . 9 . 5 . 2 .2 .0 .0 .0 3.4 8.3 KNW . 3 . 2 ٠0 •0 • 0 .0 .e 1.6 6.6 NW 1.0 . 8 • 2 .0 ٠0 • 0 3.4 5.7 NNW . 3 .0 .0 .0 10.3 6.5 · Đ 2.3 VARIABLE CALS

TOTAL NUMBER OF OBSERVATIONS: 42724

TOTALS

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PERCENTAGE FRECUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURTY OBSERVATIONS

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TATION NUMBER	: 72468 <u>0</u>	STATION	NAHE:	FŤ CARŠO	N/BUTTS	AAF CO			PERIOD MONTH:	OF RECOR	D: 77.		ι
		•••••	CEILING	S 200 TO	1400 F	HTIW TEE		IES 1/2	MILEOR	HORE	• • • • • • • • •	• • • • • • • •	••••
			ĈE IL INGS	- 200 F E E	T-OR HO			ES 1/2	TO 2-1/2	MILES			
		••••••					IN KNOTS					•••••	
DIRECTION 1 (DEGREES) 1	1-3	4 <del>- 6</del> °	7-10	-11-16	17-21	22-27				48-55	GE 56	TOTAL 3	MEAN WIND
, N.	1.5	:1 • 6	2.1	3. 1	1.5	1.3	. 3		• • • • • • • •	•••••	••••••	11.5	12.4
HŅE '	9	• 7	1,1	: 4								3.0	6.1
NE I	, 6	• 8	• 4	• 1								1.9	5.2
ENE	.6	1.2	•5	•.3								2.6	5.6
٤ .	1.6	1.9	1.0	. 4								4.9	15.3
εςε	1.4	3 + 0	197	. 6								6.7	6.C
7'£	2.5	6 • 5	·4 • 4	1.1								14.6	6 • 1
SSE	3.9	7.5	6.5	1 + 4								19.3	6 <b>.</b> C
s	3.1	3.4	2.5	. 6								9.6	5.5
ssw	. 4	. 7	•2				.0					1.3	5.2
S¥ I	. 3	. 2	•0	-• €								• 6	3.8
WSW	. 3	• 1										. 4	2.8
	• 3	•6	.1									.4	3.9
un.	.2	. 1		.0								.3	4 • 3
tik .	• 4	.1	•2	. 0								.7	5.2
   ¥ия  .	4	• 7	1.0	• 7	<b>;</b> 4	•1	• 1	•2	•0	• 6		3 • 7	12.8
VARIABLE [	• • • • • • • • • • • • • • • • • • • •	••••••	•••••	••••	• • • • • • •	•••••	• • • • • • • •	• • • • • • •	••••••	• • • • • • • •	•••••	• • • • • • • •	
C/LB	111111111	11,11111	////////		imm		,,,,,,,,,	1111111	,,,,,,,	,,,,,,,	,,,,,,,,,	18.6	111111
TOTALS	18.4	28 • 4	21.6	8.3	1.9	1.4	. 4	.3	.0		)	100.0	5.7

TOTAL NUMBER OF OSSERVATIONS: 1268

GLOBAL CLINATOLOGY BRANCH USAFETAC AIR ŅĒĀTÞER SERVICE/NAC

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## CEILING VERSUS VISIBILITY AND SKY COVER SUHHARIES

## -CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIRVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "O" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO-CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY HONTH, HONTHLY AND ANNUALLY (ALL YEARS COMBINED).

## NOTES:

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BEGINNING IN 1968, HETAR STATIONS REPORTED VISIBILITIES TO 6 MILES, AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

## SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE HEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

CECAR	-	0,10
SCATTERED	-	3/10
BROKEN	•	9/10
OVERCAST	-	10/10
ÓBSCURED	-	10/10

To be seen

GLOGAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CETLING VERSUS VISIBILITY FROH HOURLY OBSERVATIONS

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STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 83 HONTH: JAN FOURS (1 571: 0300-0500 VISIBILITY IN STATUTE HILES GE GE GE GE 2 1 1/2 1 1/4 1 (ČĚTĽ ING IN FEEJ Gr 5 30~ GE 10 ~ ij 3 2 1/2 3/4 5/8 1/2 5/16 NO-CLIL 1100/0 -100-0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 130.0 160.0 100 +0 130.0 100.0 100.0 100.0 100.0 100.3 100.0 100.0 100.0 100.0 100.0 100.0 6E 2CLGG1100.0 100.0 100.0 GE 180001120.0 100.0 100.0 100.0 109.0 100.0 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 າຄຄ.ຄ 100.0 100:0 16000|100.0 190.6 100.0 100.0 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 140001100:0 156.0 100.0 100.6 166.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 120001109.0 100.6 100.G 100.0 100.0 130.0 100.0 100%0 100.0 100.0 100.9 190.0 100.0 100.0 100.0 160.0 10000110040 100.á 100.0 100.0 100.0 100-0 190.0 100.0 1.00.0 -188 -0 190.0 100.0 10040 100.0 100.0 100.0 9000110070 120.0 10046 100.0 160.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 190.0 100.0 100.0 6.F 86001100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 7090|100.0 GE 100.0 100.0 100.0 100.0 100.0 100.0 190.0 100.0 130.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 66061100.0 100.6 100.0 100:0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.e 100.0 100.0 100.0 100.0 100.0 100.0 4500|180.0 4000|100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GΕ 100.0 100.0 100.0 100.0 100.0 100.0 GΕ 100.0 100.0 100.3 100.0 100.0 190.0 100.0 GF 35501160:0 100.0 100.0 100.0 100.0 -1 3C . C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 3000110010 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 25001100.0 GE 100.0 100.0 100.0 100.0 ាំ ១០ - ១ 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 20001100.0 100.0 100.0 198.0 100.0 100.9 169.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 12001100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.C 100.0 100.0 100.0 100.0 GĘ 100.0 1500 | 100.C 100.0 109.0 100.0 100.0 100.0 100.0 199.6 100.0 166.0 100.0 100.0 100.0 100.0 100.0 12001100.0 150.0 100.5 100.6 1G9.0 100.0 100.0 100.0 190.0 100.6 100.0 100.0 100.0 100.0 160.0 190.0 160.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 9001100.0 179.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 £001100.0 100.0 100.0 160.C 160.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 7001100.0 100.0 105.0 100.0 100.0 100.0 100.0 100.0 160.0 6E 6001100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF 2601102.0 130.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 4001160.0 100.0 103.6 GE 100.0 100.0 166.6 100.0 100.0 100.9 170.6 100.0 100.0 100.0 100.0 100.0 100.0 3001100.0 163.0 100.0 100.C 100.0 100.0 100.0 130.0 100.0 100.0 100.0 100.0 100.0 100.0 2001100.0 30 100.0 130.0 100.0 100.0 108.0 100.0 100.0 100.0 190.0 100.0 100.0 100.0 100.0 100.0 100.0 160.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Gε 81190-F 100-0 100-0 100-0 100-0 100-0 160-0 160-0 100-

GLOBAL CLIMATGLOGY BRANCH USAFETAC ATR-WEATHER SERVICE/MĀC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

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STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87 MONTH: JAN HOURS(LST): 0600-0800

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		GE	GE	GÉ	GE	GE	GΕ	GE	GE	GE	GE	GĚ'	GE	GE	SE	GΕ	GE
		10	6	5	4.	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16-	1/4	0
•••			• • • • • • •	• • • • • •	• • • • • •		.,	• • • • • •	• • • • • •		• • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • • • •
110	cèil l	63.6	64.3	64.5	64.5	64.6	64.6	-64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8
GF	20000 l	6946	70.3	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	73.6	70.6	70.6	70.6	70.8	71.1
	180001		79.6	73.6	70.8	70.9	70.9	73.9	70.9	70.9	70.9	79.9	70.9	70.9	70.9	71.1	71.3
GE	160001	69.9	70.6	79.8	70.6	70.9	70.9	7Ó•9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.3
GΕ	140001	70.6	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.8-	72.1
GE	120001	73.2	13.9	.74 .1.	74.1	74.2	74.2	74.2	74.2	76.2	74.2	74.2	74.2	74.2	74.2	74.4	74.6
GΕ	-100001	76.9	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.1	78.1	78.2	78.5
GE	90001		78.1	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.7	78.9
GΕ	80001		78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.5	79.8
GΕ	70001	78.5	79.5	79.7	79.7	79.8	79.8	79:8	79.8	79.B	79.8	79.8	79.8	79.9	79.9	89.1	80.4
GΕ	คอดอาไ	78.8	79.8	79.9	79.9	80.1	80.1	1.08	80.1	80.1	80.1	89.1	1.08	80.2	80.2	80.4	80.7
GE	50001	79.4	80.4	80.5	80.5	89.7	80.7	80.7	80.8	80.8	80.8	89.8	80.8	80.9	80.9	81.1	81.4
űΕ	4500	79.4	80.4	89.5	80.5	80.7	έο. 7	80.7	80.8	8.08	80.8	80.8	80.8	80.9	80.9	81.1	81.4
39	40001	80.4	81.4	81.5	81.5	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9	82.1	82.4
GΕ	3500		91.5	81.7	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	82.1	82.1	82.2	82.5
GE	30001	80.9	82.2	82.4	82.4	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.6	82.8	83.0	83.2
GΕ	25001		83.1	83.2	83.2	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.8	83.8	84.0	84.2
GE	5000 [		84.C	84.2	84.4	84.7	84.7	84.8	85.0	85.0	85 • 1	85.1	85.1	85.2	85.4	85.5	85 •8
GΕ	1860		84.1	84.4	84 • 5	84.8	84.8	85.0	85.1	85.1	85.2	85.2	85.2	85 • 4	85.5	85.7	86.0
GE	1500]		35.0	85.5	85 • 7	86.2	66.2	86.7	86.8	86.8	87.1	87.1	87.1	87.2	87.4	87.5	87 •8
GE	12001	83.2	95.5	86.1	86 • 4	87.1	87.1	87.7	88.0	88.0	88.5	88.5	88.5	88.7	89.0	89.1	89.4
39	10001		85.8	86.7	67.0	87.7	87.7	88.5	89.0	89.0	89.5	89.5	89.5	89.7	90.0	90.1	90.4
GE.		83.5	35.8	86.7	87.C	87.7	87.7	88.5	89.0	89.0	89.5	89.5	89.5	89.7	90.0	90.1	90.4
66		83.7	56.0	86.8	67.1	87.8	68.0	88.8	89.3	89.3	90.0	90.4	90.4	90.5	90.8	91.0	91.3
GE.		83.7	36.0	86.8	87.1	88.0	58.1	89.0	89.8	89.8	90.7	91.1	91.1	91.3	91.5	91.7	92.0
GΕ	6001	84.0	86.4	87.2	87.5	88.5	88.7	89.5	90.5	90.5	91.8	92.3	92.3	92.4	92.7	92.8	93.1
GE.		84.1	87.1	88.0	88.3	87.4	89.5	90.4	91.4	91.4	93.0	93.6	93.6	93.7	94.0	94.1	94 .4
GE		94.1	67.5	88.4	58.7	89.8	90.0	91.0	92.3	92.3	93.8	94.4	94.4	94.7	95.0	95.1	95.6
δĒ		84.2	27.7	88.5	8 • 8	90.0	90.3	91.4	92.8	92.8	94.4	95.3	95.4	95.8	96.1	96.3	96.7
30		84.2	87.7	88.5	89.0	90.1	70.4	91.5	93.0	93.0	94.6	95.7	95.8	96.8	97.1	97.3	97.7
GE	1001	54.2	87.7	88.5	89.0	90.1	90.4	91.5	93.0	93.0	94.7	96.4	96.6	98.0	98.3	98.6	99 •1
GΕ	01	84.2	87.7	88.5	89.0	90.1	90.4	91.5	93.0	93.0	94.7	96.4	96.6	98.0	98.6	99.0	100.0
• •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	** *** **	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••

GLOSAL CLIMATOLOGÝ BRANCH AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: T2468C STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 78-87 MONTH: JAN HOURS(LST): 0900-1100 VISIBILITY IN STATUTE MILES CEILING GE 5 GE ÍR GΕ Ğξ GΕ GE GΕ ·GE E GE 2 1 1/2 3 2:1/2 6 4 1 1/9 3/4 1/2 NO CEIL | 60.7 61.5 61.7 61.7 62:1 62.1 62.1 62.1 62.2 62.2 62.2 62.2 62.2 62.2 62.3 GÉ 250001 68.8 69.6 69.8 69.8 70.3 70.3 70.3 70.3 70.4 70.4 7314 70.4 70.4 70.4 70.6 70.6 70.4 70.7 70.9 GE 180001 69.0 GE 160001 69.1 69.8 69.9 70.8 69.9 70.4 70.6 70.6 70.7 70.7 79.7 70.7 70.7 70.9 70'9 69.9 70.0 79.6 70.6 70.7 73.7 70.9 70.9 70.9 70.9 70.9 71.0 71.0 GE 140091 70.6 GE 12'001 74.0 71.5 74.9 72.1 75.4 72.1 75.4 72.2 15.6 72.3 75.7 71.4 71.5 72.2 72.3 72.3 72.3 75.6 75.7 75.7 75.8 79:2 79.8 79.9 79.9 80.0 80.0 80.2 80.2 6E 100091 78.3 79.1 79.2 79.8 82.0 80.0 80.0 80.0 79.8 81.0 81.4 79.9 79.9 80.4 30.4 80.6 80.6 80.7 80.7 89.7 80.7 80,7 80.7 80.8 80.8 8Í.1 81.6 82.1 82.1 82.5 82.1 82.5 GE 80001 8010 81.1 81.6 81.8 81.9 82.1 82.1 82.1 82.2 82.2 82.5 70001 89.3 82.5 82.5 ĠΕ 82.5 82.7 82.1 82.3 82.6 60001 80.6 81.8 82.3 82.7 GE 50001-81.4 82.5 82.6 82.6 83.1 83, 1 33.3 83.4 83.5 83.5 83.5 83.5 83.5 83.5 83.7 83.7 GE 4500| 81.5 4000| 82.9 84.2 82:7 82.7 83.3 83.3 83.4 83.5 83.7 83.7 85.3 83.7 85.3 83.7 85.3 83.7 85.3 83.7 83.8 85.4 83.8 85.4 GĘ 84.3 84.9 85.0 85.2 85.3 84.9 GE GE 84.6 85.6 86.2 39001 83.0 94.5 84.6 85.2 85.2 85:3 85.4 85.6 85.6 85.6 85.6 85.6 85.7 85.7 85.8 86.2 30001 83.3 85.2 85.2 85.8 86.1 34.8 86.0 86.2 86.2 86.2 86.2 86.4 86 .4 87.3 87.4 87.6 Gξ 25001 83.4 85.3 85.8 85.8 86.5 86.5 86.9 87.4 87.4 87.4 87.6 87.7 87.7 86.1 87.0 97.0 88.i 88.3 10005 86.2 88.0 88.3 88.4 88.4 85.6 GΕ 5Ε 6Ε 86.5 87.4 86 • 6 87 • 9 87.4 89.1 88.4 9J.0 88.7 180G| E4.1 86.0 87.4 87.9 88.5 88.7 88.7 88.8 88.8 88.9 88.9 84.9 85.3 89.5 90.1 15001 89.1 90.4 86.8 90.3 90.3 90.4 90.6 90.6 GE 12001 88.0 88.7 90.0 90.0 90.6 91.6 92.0 92.2 92.3 1001 88.9 90.3 90.4 90.8 91.2 91.4 92.3 92.8 93.1 93.5 94.5 90.4 92.6 93.4 92.7 93.1 93.9 93.8 GE GE 87.6 87.7 93.1 94.1 93.5 93.8 94.7 9021 85.3 88.3 88.9 90.6 93.1 8001 85.3 88.4 89.1 91.0 91.8 94.1 94.5 94.7 93.5 91.0 91.2 94.6 95.0 95.7 GE 7001 85.3 87.7 88.5 89.2 91.1 92.0 93.7 93.8 94.3 94.6 95.3 88.5 89.3 6001-85.3 95.0 95.3 GE 87.7 91.4 92.6 94.3 94.5 95.7 96.0 96.0 91.2 91.6 96.9 97.8 GE 5601 85.3 87.7 88.5 89.3 71.6 93.4 95.3 95.4 96.2 96.5 96.5 96.9 97.2 97.2 6E 1004 25.3 87.7 88.5 89.3 92.0 93.9 95.8 96.0 96.9 97.3 97.3 97.8 98.1 98.1 GE GE 308 85.3 226 85.3 87.7 87.7 88.5 88.5 89.3 91.6 92.2 92.3 94.2 95.1 96.2 96.2 96.4 97.2 97.3 97.6 97.8 97.6 98.1 98 • 1 99 • 1 98.4 99.5 98 •4 99 •5 91.6 94.3 98.0 98.0 89.3 99.1 150 | 85.3 88.5 89.3 91.6 96.4 97.3 97.8 99.1 99.6 96.2 91.6 99.6 GΕ 01 85.3 2.58 89.3 92.3 94.3 96.2 96.4 97.3 98.0 99.1 100.0

TOTAL NUMBER OF OBSERVATIONS:

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PÉRCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 724682 STATION NAME: FT CARSON/BUTTS AAF CO PEPIOD OF RECORD: 78-87 MONTE: JAN HOURS(LST): 1200-1400 VISIBILITY IN STATUTE MILES GE GE GE GE CEILÍNG GE IN 6ε 5 GE GE 2 GE GE GΕ GE FEET 2 1/2 3 1 1/2 1 1/4 3/4 5/8 1/2 5716 1/4 0 NO CEIL | 58.4 5945 59.5 59.8 59.8 59.8 59.8 59.8 59.8 59.8 59.8 59.8 59.8 59.8 59.8 59.8 70.5 66 200001 70.2 70.5 70.5 70:5 70.5 70.5 70.5 70.5 78.5 70.5 70.5 70.5 71.3 71.5 71.3 71.5 73.4 77.8 71.3 71.5 73.4 77.8 187001 69.8 167001 79.0 71.1 71.2 71.1 71.2 71.3 71.5 71.3 71.5 71.3 71.5 71.3 71.5 71.3 71.5 71.3 71.5 71.3 71.5 71.3 71.3 71.3 71.5 71.5 71.5 73.4 73.1 77.5 140001 71.6 73.1 73.4 73.4 73.4 73.4 73.4 73.4 73.4 75.9 120001 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 77.8 82.3 100001 82.6 82.6 82.6 GΕ 50.2 82.3 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.7 83.8 84.2 32.7 83. Ó 33.0 83.0 83.0 90001 80.5 83.0 83.0 83.0 83.0 83.0 83.0 83.0 83.0 83.0 84.1 GE GE 84.1 84.5 84.1 84.6 80001 81.6 8.65 84.1 84.1 1.48 84.1 84.1 84.1 84.1 84.1 84.1 84.1 70061 84.5 87.5 84.6 84.6 84.6 84.6 94.6 84.6 84.6 60001 82.7 85.2 85.3 GE 50001 83.7 35.9 85.9 86.1 86.,1 86.1 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86 • 1 86.3 GE GE 4500| 83.8 4000| 84.8 86.C 67.1 86.0 87.2 86.3 87.5 86.3 87.7 86.3 87.7 86.3 87.7 86.4 87.8 86.4 87.8 86.4 87.8 86.4 87.8 86.4 87.8 86.4 87.8 86.4 87.8 86.4 87.8 86.4 87.8 89.0 6F 35001 85.6 87.9 88.3 98.8 88.9 KA. 9 88.9 89.0 89.0 89.0 89.0 30001 86.4 90.0 88.9 89.3 90.1 89.8 90.0 90.0 95.1 90.1 90.1 90.1 90.1 70.1 90.1 90.1 GĘ 25001 89.2 89.7 86.7 96.3 90.8 90.8 90.9 90.9 90.9 90.9 90.9 90.9 90.9 90.9 90.8 90.9 92.6 92.6 92.6 92.6 92.6 92.7 30 30 2000 87.5 78.4 70.4 90.9 91.5 91.5 93.0 93.0 93.1 93.1 93.1 93.3 93.1 92.6 93.0 93.1 93.1 93.1 93.1 93.1 18001 87.5 93.0 93.1 90.9 92.6 92.6 93.1 93.3 93.1 93.3 93.1 93.3 93.1 92.3 93.1 93.1 90.4 90.9 93.3 93.3 94.7 GF 12001 87.5 90.7 91.4 92.0 93.3 93.4 94.0 94.5 GE irgol 87.7 96.9 91.6 92.6 94.2 94.4 95.1 95.6 95.6 95.9 96.0 96.0 96.3 96.0 96.0 GE GE 9501 88.1 92.3 92.5 95·1 95·2 95 • 2 95 • 5 95.9 96.2 96.4 96.7 96.4 96.7 97.5 96.7 96.8 97.1 96.8 96.8 97.3 96.8 97.3 96.8 97.3 96.8 97.3 91.5 93.4 €001 88.1 93.6 GE GE 7501 88.5 92.2 92.2 93.0 93.0 94.2 95.9 96.2 96.8 97.5 97.8 97.9 97.9 98.2 98.2 98.2 6001 97.7 96.2 98 • 1 98.2 98.5 98.5 98.5 98.5 ٥E 5001 88.5 92.2 93.0 94.4 96.3 96.7 97.5 98.2 98.2 98.6 98.8 98.8 99.3 99.0 99.2 99.3 4001 88.5 3001 88.5 92.2 92.2 92.2 93.3 93.0 93.0 94.4 94.4 96.3 96.3 96.3 99.2 99.5 99.5 GE GE 96.7 97.5 97.5 98.4 98.4 98:9 98.9 99.2 99.3 99.5 98 . 8 96.7 98.4 98.4 98.4 98.4 98.9 99.2 99.2 99.2 99.5 99.6 99.9 99.9 94.4 96.7 97.5 98.9 99.5 GE 1001 88.5 94.4 97.5 98.4 99.2 99.5 99.5 65 DI 88.5 92.2 93.3 94.4 96.7 97.5 98.4 98.4 99.2 99.2 99.5 99.5 99.6 100.0 98.9

TOTAL NUMBER OF OBSERVATIONS:

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## PERCENTAGE FRECUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION MUMPER: 72468C STATION NAME: FT CARSON/BUTIS APP CO PERIOD OF RECORD: 78-87 MONTH: JAN HOURS(LST): 1500-1700 VISIBILITY IN STATUTE HILES CE IL ING E GE 3 2 1/2 GE 1 1/2 GE 2 GE, GF FEET 1 1/4 1/4 0 1.0 6 ¯s 3/4 5/8 1/2 5/16 NO CEIL 1 57.3 57.8 69.5 69.5 69.1 69.3 69.3 69.3 69.3 69:3 69.3 69.5 69.5 69.5 69.5 200001 68.5 68.8 69.5 70.7 70.7 72.8 70.4 70.8 72.9 70.4 70.8 72.9 69.9 70.4 72.5 69.5 69.9 70.2 70.7 70.4 70.4 70.4 70.2 7Ç. 2 70.2 70.7 70.2 70.4 70.4 GE 180001 69.1 69.6 70.7 72.8 70.8 72.9 GC 160001 70.7 79.7 70.8 70.8 70.8 70.8 72.9 72.9 72.9 ĠΕ 140001 72.0 72.8 72.8 72.8 72.8 120001 80.2 80.2 80.2 80.2 80.2 80.2 80.2 100001 78.3 79.2 79.8 1.03 89.1 eo. 1 80.1 80.1 86.1 GE 78.6 79.8 7946 30.9 80.5 80.5 81.8 80.7 81.9 80.7 81.9 80.7 81.9 80.7 81.9 80.7 81.9 80.7 81.9 GE GE 92001 80.2 80.5 80.5 e0.5 80.5 80.7 81.8 82.2 81.9 81.5 81.8 100038 81.8 81.8 82.4 83.9 81.8 82.8 83.4 83.7 83.7 83.7 83.7 83.7 63:7 83.9 83.9 83.9 83.9 83.9 83.9 GE 50001 8.53 84.0 84.7 85.0 85.0 85.0 85.0 85.0 85.9 95.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 94.G 35.1 85.0 86.3 85.0 86.6 85.0 86.6 85.0 85.1 86.8 85.1 86.8 GE 45001 82.8 84.7 85.0 85.0 85.1 85.1 85.1 85 .1 GE 40001 83.7 85.7 86.6 86.6 86.8 86.8 86.8 88.3 89.7 GE 35001 84.7 86.0 86.6 87.4 87.7 A7.7 88.1 88.1 88.1 88.3 88.3 88.3 88.3 88.3 88.3 GE 30001 85.6 69.1 87.1 38.8 89.5 90.4 96.7 90.7 90.7 90.7 GE 25001 87.7 88.6 89.7 90.0 90. G 90.4 90.4 90.7 90.7 86.0 91.6 91.6 2000| 87.2 1830| 87.2 1500| 87.7 89.5 89.5 91.9 91.9 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0 90.6 92.6 92.6 92.6 92.6 92.6 93.0 93.0 93.0 93.0 93.8 91.9 93.0 93.8 93.0 GE 90.6 91.0 93.3 90.0 12051 67.8 90.3 92.7 93.0 93.0 93.9 93.9 94.4 94.4 94.4 94.4 90.9 92.1 93.8 95.1 96.G 96.0 96.0 96.0 96.0 96.0 96.0 91.0 92.4 92.6 94.8 95.9 96.2 95.9 96.2 96.8 97.1 96.8 97.1 96.8 97.1 96.8 97.1 96.8 97.1 96.8 97.1 GE 9601 88.4 94.2 94.8 95.9 96.8 GE 8001 88.6 31.2 94.4 95.0 96 .2 GΕ 7001 88.6 91.2 92.6 94.4 94.8 95.0 96.2 96.2 96.2 97.0 97.1 97.1 97.1 97.1 97.1 97.1 97.1 GE 97.0 98.0 98.0 98.0 98.0 6001 88.6 31.2 92.6 94 . 6 95.3 95.4 96.7 99.1 99.1 5261 88.6 92.7 95.3 95.7 95.9 97.1 97.4 97.4 98.6 98.6 98.6 98.9 99.1 GE 91.3 99.2 95.9 95.9 99.5 99.5 99.5 99.7 99.7 99.7 99.7 99.7 99.7 91.3 92.9 GΕ 40C1 88.6 95.4 96. C 97.4 98.0 98.0 99.2 99.2 GE 3001 88.6 91.3 92.9 95.4 96. Q 97.4 98.0 98.0 99.2 99.2 99.7 99.2 99.2 GE 2001 92.9 95.4 95.9 97.4 98.0 98.C 99.2 88.6 71.3 96.0 99.7 96.G 100.0 σE 01 88.6 91.3 92.9 95.4 98.3 98.0 99.7

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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IN		GΕ	GE	GE	GE	GΕ	GΕ		GE	GE	316 A16	cs GE <sup>*</sup>	GE	GE	GΕ	GE	GΕ
FEET	, ,		6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0.5
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NO CEI	Llos	5.8 6	7.1	67.4	67.4	67.6	67.6	67.6	-67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 200	nel 7	n.a :	72.1	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 180			12.6	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 160			72.6	72.9	72.9	73.2	73 - 2	73.2	73.2	73.2	73.2	73.2	73,2	73'.2	73.2	73.2	73.2
GE 147			74.2	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 120			76.1	76.3	76.3	76.6	76 - 6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
00 100	uci i.	, ,	10.1	.0.5	.0.5	,0.0	70.0	,,,,	1010	10.0	10.0	,,,,	70.0	1010	1000		
GE ICC	d01 7	5.6 7	79.5	79.7	79.7	80.9	80.0	80.0	80.0	83.0	80.0	89.9	80.0	80.0	80.0	80.0	80.0
	esi 7		79.7	80.0	86.0	80.3	20.3	80.3	80.3	89.3	80.3	80.3	80.3	80.3	80.3	80.3	86.3
	301 7		1.8	82.1	82.1	82.4	32.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
	001 78		2.1	82.4	82.4	82.6	82.6	82.6	82.6	62.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
	JO 7		33.2	83.7	83.7	83.9	33.9	83.9	83.9	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9
02 00					0507	03.,	020,			•••	0307	44.7	0307	0517			
GE SU	oci si	1.5	23.9	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
	cci e		4.7	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
	3 100		34.7	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
	gel a:		35.8	86.3	86.3	86.8	86 • 8	86.8	86.8	86.8	86.8	86.8	86.8	86 • 8	86.8	86.8	86 .8
	00 8		36.3	87.1	87.1	87.6	87.6	87.6	. 87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
30 00				••••	V. · ·	0	3	0	, 0	0110	0	00	0	37.00	4	0.00	0
GE 25	001 83	3.9 8	7.6	88.4	88.7	89.2	89 • 2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
	001 8		9.3	91.3	91.6	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
	GO1 84		0.3	01.3	91.6	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
	001 6		93.8	92.6	92.9	93.9	93.9	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94 • 2
	001 8		8.05	92.6	92.9	93.9	93.9	93.9	94.2	94.2	94.5	24.5	94.5	94.7	94.7	94.7	94.7
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GE 15	1001 8	5.5 9	1.8	93.7	93.9	95.0	95.€	95.0	95.3	95.3	95.8	95.8	95.8	96.3	96.3	96.3	96.3
GE 7	<b>GUI 8</b> 5	5.5 9	1.8	93.7	93.9	95.0	95.G	95.8	95.3	95.3	95.8	95.8	95.8	96.3	96.3	96.3	96.3
GE 8	001 8	5.5	2.1	93.9	94.7	95.8	95.8	95.8	96.1	96.1	96.6	96.6	96.6	97.1	97.1	97.1	97.1
GE 7	1001 6	5.5	2.1	93.9	94.7	95.8	95.8	95.8	96.1	96.1	96.6	96.6	96.6	97.1	97.1	97.1	97.1
	601 8	5.5	2.1	93.9	94.7	95.8	95.8	95.8	96.3	96.3	96.8	96.8	96.8	97.4	97.4	97.4	97.4
	-		-														
	ac1 89		2.1	93.9	94.7	95.8	95.8	96.1	96.6	96.6	97.6	97.6	97.6	98.2	98.2	98.2	98 •2
6E 4	001 89	5.5 9	72.1	93.9	95.3	96.3	96.3	96.6	97.1	97.1	98.2	98.2	98.2	98.7	98.7	98.7	98.7
GE 3	001 6	5.5 5	2.1	93.9	95.3	96.3	96.3	96.6	97.1	97.1	98.2	98.2	98.2	98.7	98.7	98.7	98.7
GE 2	CG   85	5.5 9	2.1	93.9	95.3	96.3	96.3	96.6	97.1	97.1	98.2	99.2	98.2	99.2	99.2	99.2	99.2
GF 3	ant es	5.5 9	2.1	93.9	95.3	96.3	96.3	96.6	97.1	97.1	98.2	98.2	98.2	99.2	99.2	99.2	99.5
GE.	0   8	5.5	72.1	93.9	95.3	96.3	96.3	96.6	97.1	97.1	98.2	98.2	98.2	99.2	99.5	99.5	100.0
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USAFETAC FROM FOURLY OBSERVATIONS AIR KEATHER SERVICE/HAC

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 78-87 MONTH: JAN HOURS(LST): 2100-2300 VISIBILITY IN STATUTE KILES CE IL ING 6E GE 5/16 GΕ GE GΕ GF GF FEET 1 1/2 5 1 1/4 3 2 1/2 2 3/4 5/8 1/2 1/4 G 1 10 6 4. 1 69.6 69.6 69.6 69.6 NO CEIL | 67.8 68.7 69.0 69.0 69.6 69.6 69.6 69.6 69.6 69.6 77.3 77.3 77.6 77.3 77.6 77.3 77.6 77.3 77.6 77.3 71.6 77.3 77.6 77 •3 77 •6 200001 76.7 76.7 77.3 77.3 77.3 77.3 75.5 76.7 77.0 77.0 77.6 77.6 77.6 77.6 GE 185021 77.6 GΕ 167001 75.5 76.7 77.0 77.U 77.6 77.6 77.6 77.6 77.6 77.6 77.6 77.6 140001 75.8 77.0 77.3 77.3 77.9 77.9 77.9 77.9 77.9 77.9 77.9 77.9 77.9 77.9 77.9 77.9 GE 120001 76.7 77.9 78.2 78.2 78.8 78.6 78.8 78.8 78.8 78.8 78.3 78.8 78.9 78.8 78.8 78.8 100001 78.2 90001 78.5 81.0 81.0 81.0 Lecost 93.1 80.4 80.4 81.0 81.0 81.0 81.0 81.0 81.0 81.0 81.0 81.0 GΕ 80.7 81.3 81.3 81.3 80.4 81.3 81.3 81.3 81.3 81.3 81.3 81.3 81.3 80.7 81.3 8200 81.3 33.1 83.4 83.4 84.0 24.0 84.0 84.0 84.0 84.0 84.0 84.0 84.0 84.0 84.0 84 .0 84.4 70001 81.3 83.4 83.7 83.7 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 84.4 85.0 85.0 85.0 83.7 85.5 85.0 85.6 85.0 85.0 85.0 85.0 85.0 60001 81.6 84.4 84.4 85.0 50001 82.5 85.9 24.7 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 GE 85.3 85.3 85.9 85.9 85.9 GE 4500| 83.4 85.6 86.2 86.2 86.8 86 . 8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 87.7 87.4 GΣ 40001 84.0 86.2 86.8 £7.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 88.7 88.7 88.7 88.7 88.7 88 .7 88.7 88.7 88.7 88.7 GΕ 10028 84.7 87.1 87.7 88.7 88.7 30001 85.6 GE 25001 85.9 89.3 89.9 89.9 90.8 90.8 90.8 90.8 93.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 GΕ 20001 86.2 90.2 91.1 91.1 91.4 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 GΕ 18001 86.2 90.2 91.4 92.6 92.6 92.6 92.5 92.6 92.6 92.6 92.6 92 .6 92.6 92.6 GΕ 91.4 92.3 92.9 94.2 94.2 94.2 94.2 94.2 15061 86.2 GE 12001 86.5 92.6 93.6 95.7 75.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 GΕ 10001 92.6 93.9 94.8 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6 6E 9001 86.5 6001 86.8 92.6 93.9 94.2 94.8 96.6 96.9 96.6 96.9 96.9 97.2 96.9 97.2 96.9 97.2 96.9 97.2 96.9 97.2 96.9 97.2 96.9 97.2 96.9 97.2 96.9 97.2 96 •9 97 •2 95.1 97.5 97.5 97.5 97.5 98.8 GF 6001 87.1 93.9 95.1 96.3 98.5 98.5 98.8 98.8 96.8 98.8 98.8 98.8 98.8 98.8 98.8 99.4 99.4 99.7 ьE 1002 87.1 93.9 95.1 96.3 98.5 98.5 98.8 99.4 99.4 99.4 99.4 99.4 99.4 99.4 95.1 95.1 99.7 99 .7 99 .7 GΕ 4631 87.1 93.9 96.3 98.5 98.5 98.8 99.4 99.4 99.4 99.4 99.7 99.7 7601 67.1 93.9 98.5 98.5 99.4 99.4 99.7 99.7 99.7 99.7 99.7 Gξ 96.3 98 .8 68 2061 67.1 93.9 95.1 96.3 98.5 98.5 98.8 99.4 99.4 99.4 99.7 99.7 99.7 99.7 99.7 99.7 1001 87.1 99.7 93.9 GE 95.1 96.3 98.5 98.5 98.8 99.4 99.4 99.4 99.7 99.7 99.7 99.7 99.7 GΞ D1 67.1 93.9 95.1 96.3 98.5 98.5 98.8 99.4 99.4 99.4 99.7 99.7 99.7 99.7 99.7 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER STRVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER	: 724689	STATI	: 3HAN NO	FT C	AR SON / BL	JTTS AAR	F CO			PERIOD	OF REC	DRD: 78	-87		
										HONTH	: JAN	HOURS	(LST):	ALL	
CE IL ING	• • • • • • •	• • • • • • •	•••••	• • • • •	• • • • • • •	v 1 c T i	• • • • • • • • • • • • • • • • • • •	IN STATE			• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • •
IN I GE	GE	GE.	GE.	38	GE	GE	GE	GE	GE	GE.	Gξ	GΕ	GE	GΕ	GΕ
FEET 1 12	6	5	4	3				1 1/4	1	3/4	5/8	1/2	5/16	1/4	O.
							• • • • • •				• • • • • • •	• • • • • •	• • • • • • •		
															•
NO CEIL   61.4	62.2	62.4	62.4	62.6	62 • 6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8
GE 200001 69.8	70.6	70.8	70.9	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3
GE 185001 70.2	71.1	71.3	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8
GE 16090  70.4	71.2	71.4	71.6	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.0
GE 148031 71.7		72.9	73.0	73.2	73 · Z	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4
GE 120001 74.6	75.7	75.9	76.0	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76 •4
GE 100001 78.2	79.6	79.8	90.0	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4
GE 9~30  78.6	85.1	80.3	80.4	80.6	80.6	80.7	80.7	89.7	80.7	89.7	80.7	80.8	80.8	80.8	80.9
GE 8000] 79.9	81.4	81.7	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.3
GE 70001 80.2	81.9	82.1	82.2	82.4	82 • 4	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7
GE 6C3G  80.9	82.5	82.8	62.9	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4
GE 5000  81.7	83,4	83.7	83.8	84.9	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3
GE 4500  82.0	83.6	83.9	84.0	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.6
GE 40001 82.9	84.7	85.0	85.1	65.5	85 • S	85.5	85.6	85.6	85.6	85.6	85.6	85.6	£5.6	85.7	85.8
GE 3500  83.4	85.3	85.6	85.9	86.2	86.2	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6
GE 30001 84.1	86.C	86.5	86 • 8	87.2	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6
GE 25001 84.5	86.7	87.3	87.6	88.1	58•1	88.3	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.7
GE 20001 85.2	87.9	88.6	89.C	89.7	89.7	90.0	90.2	90.2	90 • 4	90.4	90.4	90.5	90.5	90.5	90.6
UE 18001 85.3	98.9	88.7	89.1	89.8	89 • 8	90.1	90.3	90.3	90.5	90.5	90.5	90.6	90.6	90.7	90.7
GE 15001 85.7	98.6	89.5	90.0	90.9	90.9	91.2	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.9
GE 12001 85.9	89.1	90.0	30.6	91.6	91.7	92.2	92.6	92.6	92.9	92.9	92.9	93.0	93.1	93.1	93.2
GE 10001 86-1	89.5	90.5	91.3	92.4	92.4	93.1	93.6	93.6	94.1	94.1	94.1	94.3	94.3	94.4	94.5
GE 9001 86.2	99.6	90.7	91.5	92.7	92.8	93.5	94.G	74.0	94.5	94.5	94.5	94.7	94.7	94.8	94.9
SE \$001 86.3	39.8	90.8	91.8 *	93.0	93.1	93.9	94.4	94.5	95.0	95.1	95.1	95.3	95.4	95.4	95 •5
6E 700 86.4	39.9	91.0	92.0	93.2	93.3	94.1	94.8	94.8	95.4	95.6	95.6	95.8	95.8	95.9	96.0
GE 6001 86.5	93.1	91.1	92.2	93.6	93.7	94.6	95.4	95.4	96 • 1	96.3	96.3	96.5	96.6	96.7	96.7
GE 5001 86.5	90.2	91.3	92.5	93.9	94.1	95.1	96.0	96.1	97.0	97.2	97.2	97.5	97.5	97.7	97.7
GE 400] 86.5	90.3	91.4	92.7	94.2	94.4	95.5	96.5	96.5	97.5	97.7	97.7	98 • 1	98.2	98.3	98 •4
of 300 86.6	90.3	91.5	92.7	94.2	94.5	95.6	96.7	96.7	97.7	98.0	98.0	98.4	98.5	98.6	98 •8
GE 200 86.6	90.3	91.5	92.7	94.2	94.5	95.7	96.7		97.7	98.2	98.2	98 • 9	99.0	99.1	99.2
GE 193  86.6	90.3	91.5	92.7	94.2	94.5	95.7	96.7	96.8	97.8	94.3	98.4	99.1	99.2	99.4	99 •6

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/NAC

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO PÉRIOD OF RECORD: 80-81,86 MONTH: FEB HOURS(L'ST): 0300-0500 VISIBILITY IN STATUTE HILES CETLING IN I È. GΕ ΘE GE ĞÉ GE GE. GE GE E GE GE 2 1 1/2 1 1/4 5 3/4-FEÉT 1 10 6 60.0 60.0 60.0 60.e 60.0 60.Ď 60.0 60.0 60.0 60.0 NO CEIL | 60.0 6C. 0 60.3 60.0 80.0 89.0 80.0 80.0 80.0 80.0 GE 200001 80.0 8 C . C 80.6 80.0 an.c 80.0 83.0 80.0 80.0 80.0 80.0 80.0 80.0 GE 180001 80.0 60.0 80.0 GE 160001 60.0 GE 140001 80.0 àc.o áo.c 80.0 80.0 80.0 80.0 80.0 -80.0 an.n 80.8 80.3 80.0 90.0 80.0 80.0 89.0 80.0 80.0 80.0 30.0 8C. C 80.0 80.0 80.0 80.0 80.0 80.0 80.0 60.0 GE 120001 80.0 80.0 80.0 0.08 80.0 0.08 80.0 65 100001 80.0 an.n 80.0 80.0 80.0 90001 80.0 80.6 80.0 80.U 80.0 80. C 80.0 83.0 80.0 80.Ó 80.0 80.0 80.0 80.0 80.0 80.0 8000| 80.0 7000| 80.0 80.0 80.0 0.08 GE 80.0 88.9 80.0 0.03 80.0 aclo 80.0 80.0 80.0 80.0 80.0 80.0 80.5 80.0 80.0 80.0 0.03 80.0 80.0 80.0 80.0 80.0 GE 80.0 80.0 80.0 60001 80.0 80.6 89.3 89.0 80.0 80.0 80.9 80.0 0.08 83.0 80.0 0.08 80.0 80.0 50001 80.0 80.0 GE 450C| 63.0 60.0 80.9 80.0 80.0 80.0 80.0 80.0 60.0 80.0 80.0 80.0 80.0 80.0 80:0 80.0 80.0 80.0 40001 80.0 80.0 83.0 30.0 80.0 80.0 80.0 80.0 80.0 6E 80.0 80.0 80.0 80.0 80.0 35001 80.0 GΕ 80.0 80:0 80.0 80.0 80.0 83.0 80.0 GE 30001 80.0 86.0 80.0 80.0 82.0 80.0 0.06 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 GE 2500 | 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 0.06 80.0 ន១.១ 80.0 80.0 93.6 80.0 GΕ 20001 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 BR.n 80.0 80.0 20.0 80.0 80.0 80.0 18001 80.0 80.0 80.0 80.0 89.0 8Q. U 80.0 0.06 90.0 80.0 80.0 80.0 89.0 80.0 GE 80.0 15001 60.0 80.0 80.0 80.0 80.0 0.63 GE 12601 80.0 30.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.C 89.9 80.0 80.0 80.0 80.0 60.0 GE 12001 80.0 93.0 80.0 80.0 80.0 80.0 80.0 80.C 80.C 80.0 80.0 80.9 80.0 80.0 ១០.១ 80.0 GΕ 9001 89.0 30.0 80.0 80.0 80.0 80.0 80.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ĞĒ 8000 80.0 80.0 130.0 100.0 100.0 100.0 160.0 100.0 100.0 80.0 80.0 80.0 80.0 80.0 100.0 100.C GE 7001 83.0 30.0 80.0 89.0 80.0 80.0 100.0 100.0 100.C 100.0 100.0 100.0 100.0 100.0 GE 6001 80.0 80.0 80.0 80.0 0.03 0.03 80.0 100.0 100.0 120.0 100.0 100.0 100.0 100.0 100.0 1CO .0 5001 80.C GF 80.0 80.3 86.0 6.08 80.0 80.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 83.0 100.0 100.0 100.0 100.0 100.0 100.0 GΕ 4001 80.0 50.0 80.0 80.0 80.0 80.0 100.0 100.0 100.0 100.3 GΕ 300 | 60.0 a**0.**0 80.0 0.08 80.0 80.0 100.0 100.3 100.0 100.0 100.0 100.0 100.0 100.0 80.0 100.0 GF 2001 80.0 90.0 80.0 0.03 80.0 80.0 80.0 103.0 100.0 100.0 120.0 100.0 100.0 100.0 100.0 GE 1001 80.0 20.0 80.0 80.Ù 80.0 60.0 80.0 100.0 100.0 100.G 107.0 100.0 100.0 100.0 100.0 160.0 100.0 100.0 GF 01.63.6 88.6 an.n AC. G 80.0 86. 6 80.0 100.0 100.0 100.0 100.0 100.0 100.0

IDIAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR: WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	-		1: 724685		. ,			. ,				PERIOD	OF REC	ORD: 78. Pours	-87 (LST): {	C600-08	an
• •														• • • • • •		• • • • • • •	••••
	ILING							VISI	BILITY	IN STAT	UIE HIL	ES .					
		-1 GE		GE	GE	∙GĘ	GE						GE	GE	GE	GE	GE
		1. 10		5	4		3 2 1/2		1 1/2		. 1	3/4	5/8	,1/2	5/16	1/4	0
<b>• •</b> .	• • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •		• • • • •	• • • • • • • •	• • • • • • •	*****	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • •
ńи	CEIL	·1 ·6ž. 1	62.8	63.0	63.3	63.5	63.5	63.5	63.5	63.5	-63.5	63.5	63.5	63.6	63.6	63.6	63.6
		,	2514	0010	03.5	03.0	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0010	0000	0510	*****	,0000	0010	0,00	****	0200	03.00
		31. 67.3		68.3	68.6	68.7		68.7	68.7	68.7	68.9	68.9	68 • 9	69.1	69.1	69.1	-69 •2°
		67.5		68.4	68.7	68.9		68.9	68.9	68.9	69.1	69.1	69.1	69.2	69 • 2	69.2	69 •4
		1 67.7		68.6	68.9	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.4	69.4	69.4	69 •5
Œ	14000	1 68.6	59.4	69.5	69.8	70.0	70:0	70.0	73.0	70.0	70.1	79.1	70.1	79.3	70.3	70.3	70.5
32	12000	31 70.9	71.7	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.6	72.6	72.6	72.8
Œ	1950	31 -73.6	74.3	74.5	75.€	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.6
GE		73.9		74.8	75.3.	75.4		75.4	75.4	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75 •9
GE		74.5		75.6	76.G	76.2		76 • 2	76.2	76.2	76.4	76.4	76.4	76.5	76.5	76.5	76.7
GE		74.5		.75.6	76.0	76.2		76.2	76.2	76.2	76.4	76.4	76.4	76.5	76.5	76.5	76.7
GE		75.1		76.2	76.7	76.8		76.8	76.8	76.8	77.0	77.0	77.0	77.1	77.1	77.1	773
96	31 0.	23 71342	10.0	1012	10 • 1	10.0	, ,,,,	10.0	1040	10.0	11.0	17.0	4110	11.1	11.1	11.1	11:45
GE		11- 75,5		77.1	7776	77.8		77.8	77.8	77.8	77.9	77.9	77.9	78.1	78.1	78 - 1	78 .2
GE		1 75.9		7.7 - 1	77.6	77.8		77.8	77.8	77.8	77.9	77.9	77.9	78.1	78.1	78.1	78 .2
GE.	4600	1 77.1	78.4	78.5	79.0	79:5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.8	79.8	79.8	79.9
GE	3,500	1. 77.4	78.6	79.0	79.5	79.9	79.9	79.9	79.9	79.9	96.1	80.1	80.1	80.2	80.2	80.2	80.4
GΕ	30:00	1 78.5	80.1	80.2	80.7	81.2	2 81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.5	81.5	81.5	<b>`81 •6</b>
ĿΕ	25.00	1 78.7	80.4	80.6	81.0	81.6	81.6	81.6	81.6	81.6	81.8	81.8	81.8	82.0	82.0	82.0	82.1
GE		79.2		82.0	82.6	83.2		83.4	83.4	83.4	83.5	83.5	83.5	83.7	83.7	83.7	83.8
GE		79.2		82.0	82.6	83.2		83.4	83.4	63.4	83.5	83.5	83.5	83.7	83.7	83.7	83.8
GE		79.6		82.6-													
6E					83.4	84.0		84.3	64.3	84.3	84.4	84.4	84.4	84.6	84+6	-84.6	64.8
UL	1200	31 79.6	82.4	82.6	83.4	84.0	84.1	84.3	84.6	84.6	84 • 8	84.8	84.8	84.9	84.9	84.9	85.1
GΕ	1000	1 60.1	83.2	83.7	e4 • 4	85.5	86.0	86.3	86.6	86.6	86.8	86.8	86.8	86.9	87.1	87.1	87.2
GE		1 80.2		84.0	84.8	86.0	86.5	86.8	87.1	87.1	87.2	87.2	87.2	87.4	87.6	87.6	87.7
GΕ	EO:	i) 60.7	84.4	84.9	85.7	86.9	87.4	87.9	88.2	88.2	88.3	86.3	88.3	89.0	89.1	89.1	89.3
GE	763	1 83.9	54.8	85.2	86.6	67.2	87.7	88.2	88.5	88.5	98 • 6	89.6	88.6	89.3	99.4	89.4	89 •6
GE	600	1 69.9	34.6	85.2	86.0	87.2	£7•7	88.2	89.0	89.1	89.3	89.3	89.3	90.0	90.2	90.4	90.5
GE	6,,,	1 85.9	34.9	85.4	86.2	87.4	87.9	88.6	89.4	89.6	39.9	87.9	89.9	90.8	91.0	91.1	91.4
GE		86.9		85.5	86.3	87.7		89.0	89.7	89.9	90.4	90.7	90.7	91.6	91.8	91.9	92.2
66		89.9		85.5	86.5	87.9		89.1	89.9	90.9	90.7	91.0	91.6	92.7	93.0	93.3	93.8
30		1 92.9		85.5	86.5	87.9		89.1	89.9	90.0	90.1	91.1	91.3	93.2	93.5		95 •B
GE		1 60.9											,			94.4	
UL	144	71 8U•9	85.1	85.5	86.5	89.2	88.6	69.4	90.2	90.5	91.4	91.8	91.9	94.7	95.0	96.3	99 •4
Gξ	(	1 80.9	25.1	85.5	86.5	88.2	88.6	89.4	90.2	90.5	91.4	91.8	91.9	94.7	95.0	96.3	100.0
• • •	•••••	•••••	• • • • • • • • • •	*****	********	• • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •

TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CEJMAJOLÓGY BRZNCH USAFETAC ÁÍR NEÁTHER SÉRVICE/HAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

-			R: 72468C				-		F CO		-	HONTH	OF RECO	<b>FOURS</b>	(LŚT): (	900-11	00
•		• • • • • •		• • • • • • • •	••••••		** *** * * *		011 1TV	IN-STATE		• • • • • • •	• • • • • • •	• • • • • • •	••••••	• • • • • •	• • • • • • • • • • • • •
٠,	EILING				20		45	GE		GE	GÉ JIC MIC	GĚ	Ĝ£	GE	۰.۳	GΕ	GΕ
	_UN	GE	GE ,	GE	ĞE	GΕ	GE		39			3/4	5/8		GE	1/4	0 .
	FEET	4 1		5	. 4		2 1/2		1 :1/2		-1	2/4		1/2	5/1,6	1/4	U
•		• • • • • •	, , , , , , , , ,	,,,,,,	•••••	• • • • • •		• • • • • • •	******				• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • • • • •
ŧ	10 CEIU	1.617	î 61.4	62.1	62.2	62.8	63.0	63.0	63¥Q.	63.0	63.0	63.0	63.D	63.9	.63.0	63.0	63.0
τ	E 2000	01 69.	Č 69:6	70.4	70.6	71.2	71.4	71 • 4.	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.9
	E 1800		,	79.8	71.1	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
	E 1620			70.8	71 - 1-	71.7	71.8	71.8	72.0	7240	72.0	72.0	72.0	72.0	72.0	72.8	72.0
	E 1400			72.7	73.0	73.9	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
	E 1200			73.9	74.2	75.1	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
(	E 1000	01 74.	5 75.1-	75.8	76.1	77.1	77.3	77.4	₹7 <b>1</b> 6	77.6	7756	77.6	77.6	77.6	77,66	7.7 • 7	77.7
(	E 9.00	el, 74.		76.3	76.5	77.6	77.7	77.9	78.0	78.9	78.0	78.0	78.0	78.0	78.0	78.2	78 •2
(		CI 75.		77.0	77.3	78.5	78 - 6	78.8	78.9	78.9	78.9	78.9	78 • 9	78.9.	78.9	79.1	79.1
(	iệ 7¢ô	Q : 75;	0 76.5	77.3	77.6	78.8	78,9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79 • 4
(	E PCQ	≎I√2è•	0 76.5	77.3	77.6	78.8	78.9	79.1	79.2	79.2	79.2	79.2	79 • 2	7912	79.2	79.4	79 •4
,	E SÕO	el. 76.	7 -77.3	78.0	76.3	79.8	79.9	80.2	80.5	89.5	80.5	89.5	80.5	80.5	. 80.5	50.7	80.7
		01 76;	**	78.C	78.3	79.8	79.9	80.2	83.5	89.5	80.5	-80.5	80.5	80.5	80.5	80.7	86.7
		0 78.		7.9 .6	79.9	81.7	81.9	-82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6
		CI. 78.		80.1	80.4	82.2	82.3	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3
		01 79.		81.6	82.0	83.8	84.4	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85 -4
`		01 1:1	. 450.	0.00	42,0				,								
τ	E 253	01 79.	5 :81.3	82.4	83.0	85.1	85.7	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7
ŧ	E 270	01 79.	6 81.7	83.3	83.9,	.86.3	86.6	87.3	88.1	58.1	88 • 1	88.1	88.1	88.1	88.1	88.2	88 •2
(	E 180	01 79:	6 31.7	83.3	83.9	86.0	386.6	87.3	88.1	88.1	88.1	88.1	88.Ĭ	88.1	88.1	88.2	88.2
(	E 15.0	31. 79.	6 91.9	8375	84.1	86.3	86.9	87.6	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6
(	E 120	0 - 79.	8 85.5	8,3 • 5	84.4	86.7	87.3	1.38	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.2	89.2
ŧ	ie lap	61 79.	8 92.4	84.2	85.1	88.1	88.6	89.5	90.4	90.4	98.4	90.4	90.4	90.6	90.6	90.9	90.9
(	iE 9ů	81 79.	8 82.4	84.2	85.1	88.1	98∙6	89.5	90.6	90.6	90.6	90.7	90.7	90.9	90.9	91.2	91.3
(	38 36	C) 79.	8 92.4	84.2	65.1	88.3	88.9	89.8	90.9	90.9	90.9	91.0	91.0	91.3	91.3	91.6	91.9
(	SE 70	01-79.	82.4	84.2	85.1	88.5	89.1	90.1	91.2	91.2	91.3	91.6	91.6	92.0	92.0	92.3	92 •6
(	ec -60	01 79%	8 82.4	- 94+2	.85 • 1	88.8	<b>89.5</b>	90.6	91.6	91.6	91,• 7	92.0	92.0	92.8	92.8	93.2	93.5
		01 79.		84.4	85.3	89.4	90.1	91.2	92.2	92.2	92.5	92.8	92.8	93.7	93.7	94.2	94 •5
		el 79.		84.5	85.4	89.5	90.3	91.7	92.8	92.8	93.5	94.1	94.1	95•3	95.3	96.0	96.3
		01 79.		84.5	85.4	90.0	90 • 7	92.2	93.2	93.2	94.7	95.3	95.3	96.9	97.1	97.8	98 •2
		01 79.		84.5	85.4	90.0	90.7	92.3	93.4	93.4	95.0	95 • 6	95.6	97.6	97.9	98.7	99.4
(	iε 10	01 79.	8 92.6	84.5	85.4	90.0	96.7	92.3	93.4	93.4	95.0	95.6	95.6	97.8	98.1	98.8	100.0
	β <b>Ε</b>	el 79.	9 8ޕ6	84.5	85.4	90.3	90.7	92.3	93.4	93.4	95 • C	95.6	95.6	97.8	98.1	99.8	190.0

TOTAL NUMBER OF OBSERVATIONS: 678

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GLOBAL ČLIMAŤOLÓGY BŘÁNČH USAFÉTAC -ĄIR MEATHER SĘRVĮCÉ/MĄČ

-PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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		• • • • • •			• • • • • • •	i	• • • • • • • •				• • • • • •						
	LING									IŅ SŢATI		ES .			_		
	Ŋ Ţ		GE.	√GE_	GE	.GE	GE	GE_	GE	GE	GE .	GE.	GF.	GE	ĞΕ	ĞE	GΈ
	ET I		6	5	ų		2 1/2			1 1/4.	.1.	3/4	5/8	1/2	5/16	174	0
.• • •	• • • • •	· • • • • •	• • • • • • • •	•••••	• • • • • • • •	• • • • •	• • • • • • • •	• • • • • • •	• • • • •	• • • • • • • • • •	• • • • • •		• • • • • • •		• • • • • • •	• • • • • • •	,
		<b>.</b>										د څه	50 A				
160 s	CEIL !	58.4	58.7	59.6	59 • ô	59.8	59•8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	`59.8	59.8	59 38
				- Z .			44	4		<b></b>							
	200001		69.5	70.6		71.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
	183001		70.0	71.0	-71 · C	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71 •4
	166001		70.6	71.6	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.3	72.0	72.0	72.0
	14006		71.4	72.5	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72,.9	72.9	72.9	72.9	72 •9
GΕ	120001	. XI.• ē	72.9	73.1	.73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73,5	73.5	73.5
		≤												4			
	100001		76.8	77.8		:78.4	78.4	78.4	78.4	78.4	78.4	78.4	78 . 4	78.4	78 • 4	78.4	78 •4-
GE	90001		77.2	78.3	78.3	78.8	78.8	78.8	78.8	78.8	78 . 8	7.8 • 8	78.8	78.8	78.8	78.8	78 •8
	-8CDD [		77.7	78.8	79.0	79.6	79.6	79.6	79.6	79.6	79.6-	79.6	79.6	79.6	79.6	79.6	79 •6
39	70001		77.8	79.0	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79 •7
GE.	60001	77 <sub>+</sub> 1	7870	79.1	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
	scéet	7à A	70.7		'00 (			6. 4				81.4	81.4	01 "		01 "	81.4
GE GE	45001		79.3 79.6	80.5	'80•6 80•9	81.4	81.4 81.7	81.4 81.7	81.4	81.4 81.7	81.4 81.7	81.7	81.4	81.4 81.7	81.4 81.7	81.4 81.7	81.7
GE	40001		92.8	84.2	84.5	85.4		85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE	35001		83.1	84.5			85.4						86 • 1	86.1	86.1	86.1	
SE	30001		83.4	84.9	84.9 85.8	85.8 86.8	85.48	86.1	86.1 87.1	86.1 87.1	86 • 1° 87 • 1	86.1 87.1	87.1	87.1	87.1	87.1	.86 •1 87 •1
36	20001	81.3	33.4	94.7	03.0	00.0	86.8	87.1	01.1	87.1	01+1	01,41	01.1	91 • Ī	01.1	01+1	07.1
GΕ	2500 [	8 t ./8"	83.7	85.2	86 • 1	87.1	87.1	87, *	87.4	87.4	87.4	87.4	87.4	87.4	37.4	87.4	87.4
ĞΕ̈́	20001		34.3	85.8	86.8	88.0	88 • 2	88.5	88.5	88.5	88 - 5	89.5	88.5	88.5	88.5	88.5	88.•5
GΕ	18001		34.6	86.2	87.3	88.5	88.6	88.9	88.9	8849	88.9	8819	88.9	88.9	88.9	88.9	-88 •9
GE	1500		85.1	87.0	88.2	89.6	89.9	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
űΕ	1200		25.2	87.1	88.3	99.1	90.4	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
Vu	*****	V	3302	0	00.5	,,,,,	,,,,,	,000	7.443	,,,,	/	,	,	,,,,,	,,,,,	,	, , , ,
GE	10001	82.5	26.1	38.2	89.6	91.6	92.0	92.5	92.9	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
30		82.5	96.1	89.6	90.2	92.5	92.9	93.5	93.9	94.1	94 - 4	94.4	94.4	94.4	94.5	94.5	94.8
GΕ	8001	8215	86.1.	88.6	90.4	92.6	93.0	93.6	94.1	94.2	94.5	94.5	94.5	94.5	94.7	94.7	95.0
GE		82.5	86.2	88.8	96.7	93.0	93.6	94.4	95.1	95.3	95.9	95.9	95.9	96.0	96.2	96.2	96.4
GΕ		62.5	86.2	88.8	90.8	93.3	93.9	94.7	95.6	95.7	96.4	96.4	96.4	96.6	96.7	96.7	97.0
									•				. • • •		. • • •		
GE	5001	82.5	36.2	89.1	91.1	93.6	94.2	95.0	95.9	96.0	96.7	96.7	96.7	96.9	97.2	97.2	97.5
33		22.5	86.4	.89.2	91.3	93.9	94.5	95.3	96.3	96.4	97.6	97.6	97.6	98.1	98.4	98.4	98.7
GΕ		82.5	86.4	89.2	91.3	94.2	94.8	95.6	96.6	96.7	98.1	98.1	98 - 1	98.7	99.0	99.0	99.3
GE		82.5	86.4	89.2	91.3	94.2	94.8	95.6	96.6	96.7	98.4	98.4	98.4	99.0	99.3	99.3	99 •6
66		82.5	a6.4	89.2	91.3	94.2	94.8	95.6	96.6	96.7	98.4	98.4	98.4	99.0	99.3	99.3	100.0
				-									,				
СĘ	01	82.5	86.4	89.2	91.3	94.2	94.8	95.6	96.6	96.7	98.4	98.4	98.4	99.0	99.3	99.3	100.0
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GLÖBAL ČLIMATOLOGÝ BRANCH
USAFETAC
AJR MEATHER-SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
EROM: POURLY OBSERVATIONS

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STATION NUMBER: 72468C STATEONANAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 78-87 MONTH: FEB HOURS (LST): 1500-1700 VISIBILITY IN STATUTE MILES GE GE GE GE CE.IL ING Ģ€. 3 JIN 1: GE FEEJ 1: 1 6έ 5 E GE 2 1 1/2 GE. GE ĠΕ 2 1/2 1 1/4 1/4 ı 5/16 13 -6 3/4 5/8 1/2 .8 58.4 59.1 59.1 58:4 59.1 5941 59.1 59.1 59.1 NO CEIL | 56.8 58.6 59.1 59.1 59.1 59.1 59.1 CÉ 200001 68:3 CE 18CONT 68:8 70.9 70.8 70.8 71.3 70.8 71:3 70.8 71.3 70.8 76.8 70.8 71.3 79.8 70.8 71.3 70.8 71.3 70 ·8 71 ·3 70.0 76.1 70.8 76.5 70.8 180001 68.8 70.6 7.1.3 71.3 71.3 71.3 71.3 71.6 GE 160001 69.1 GE 140001 70.5 71.6 72.9 71.6 71.6 72.9 71.6 71.6 70.8 71.0 71:6 71.5 71.6 71.6 71.6 71.6 72.1 72.9 72.9 72.9 72.9 72.9 72.9 72.9 72.1 72.3 120001 72.4 74.9 100001 78 - 1 78.7 78.7 78.7 78.7 78.7 78.7 78.7 78.7 78.7 78 •7 78.1 78.7 78.1 78.7 78 • 2 78 • 9 78.9 79.5 79.9 76.-9 79.5 78.9 79.5 78.9 79.5 78.9 79.5 78.9 79.5 78.9 79.5 78.9 79.5 78.9 79.5 78.9 79.5 78 •9 79 •5 GE 90001 76.1 78.9 ĞΕ 85001 76.6 79.5 70001 76.9 79.0 79.G 79:2 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 80:4 .CE 69801. 77.4 79.5 79.5 79.7 80.4 80.4 80.4 80.4 80.4 80.4 80.4 80.4 80.4 80.4 80.4 32:2 32:7 82.2 82.7 GE 10001 10002 82.3 8310 83.0 83/0 83.0 83.0 83.0 23.0 83.0 83'• Ó 83.0 83.0 83.0 83.5 87.3 4500| 80.4 4600| 83.2 83.5 87.3 ĞĒ 82.8 83.5 83.5 83.5 83.5 83.5 83.5 83.5 83.5 83.5 83.5 GE 85.8 86.0 87.0 86.3 87.3 87.1 87.1 87.3 87:3 87.43 87.3 87.3 87.3 87.3 GE. 35001183.8 36.8 88:1 88.1 88.3 88.3 88.3 88.3 88.3 88.3 88.3 88.3 88.3 88.3 35001 84.2 89.3 89.6 38 2500| 84.2 97.6 88.1 88.4 89.3 89.3 89.4 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 99.9 90.9 GE 2000| 85.0 1800| 85.0 90.6 90.6 91.1 91.1 91.1. 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91 ·1 91 ·1 89.3 89.3 88.4 88.7 93.6 91.1 38.4 88.9 90.6 91.1 GE GE 89.6 1500 | 85.3 89.4 90.1 91.4 91.4 91.7 91.9 91.9 91.9 91.9 91.9 12001 65.5 90.3 91.1 92.9 93.2 93.6 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 19001 85.5 6E 90.6 91.3 92.1 94.7 95.7 95.7 96.4 95.4 96.4 96.4 96.4 96.4 96.4 96.4 97.0 97.4 97.0 ĞĒ 9001 85.5 90.9 91.6 92.4 95.3 95.4 96.0 96.4 97.0 97.0 97.0 97.0 97.0 91.7 92.6 95.2 96.5 96:5 97.4 97.4 97.7 97.4 8001 65.5 71.1 95.5 96.2 97.4 97.4 35 7001 91.1 96.9 97.7 97.7 97,.7 92.6 95:4 95.7 96.4 96.9 ű£ 6001 85.5 91.7 96.0 97.0 97.5 97.5 98.3 98.3 98.3 98.3 98.3 6E 5001.85.5 91.1 91.7 92.7 96.2 96.5 97.4 97.9 97.9 99.2 99.2 99.2 99.5 99.5 99.7 99.7 GE 4001 85.5 99.2 21.1 91.7 92.7 97.4 97.9 97.9 97.9 99.2 99•2 99•2 99.5 99.5 99.5 99.7 96.2 96.5 99.7 3001 85.5 91.1 91.7 92.7 96.2 97.4 97.9 99.2 99.2 99.5 99.7 99.7 GE 96.5 92.7 SΕ 2001 85.5 91.1 96.2 96.5 97.4 97.9 97.9 99.2 99.2 99 • 2 99.5 99.5 99.7 99.7 GΕ 85.5 1001 96.2 96.5 99.2 99.2 99.5 99.7 100.0 97.9 σÇ 01 65.5 91.1 91.7 92.7 96.2 96.5 97.4 97.9 97.9 99.2 100.0 99.2 99.2 99.5 99.5 99.7

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TOTAL NUMBER OF OBSERVATIONS: 65

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AIR WEATHER SERVICE/MAC

STATION NUMBER: 72468C STATION NAME: FT CARSUN/BUTTS AAF CO PERIOD OF RECORD: 78-87 HONTH: FEB HOURS(LSI): 1800-2000 CE IL ING VISIBILITY ÎN STATUTE MILES GE GE GE TH 1 GE FEET 1 1G Gξ GE GE GE. GĘ GE GΕ GE GE 2 1 1/2 1 1/4 6 5 4 3 2 1/2 1 3/4 5/8 1/2 5/16 1/4 0 NO CÉIL 1 65.3 69.1 69.1 69.1 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.4 69.4 75.1 76.0 GE 200001 74.3 75.1 75.1 75.4 75.4 75.4 75.4 75.4 75:4 75.4 75.4 76.3 75.4 75.4 75.4 75.4 76.3 76.3 GE 180001 75:1 76.3 16.3 76.3 76.3 76.G 76.0 76.3 76.3 76.3 76.3 76.3 160001-75.4 76.3 76.3 76.3 76.6 76.6 76.6 76.6 76.5 76.6 76.6 76.6 76.6 76.6 76.6 76 .6 76.6 77.7 76.6 GF 14CG31 75.7 76.6 76.9 76.9 76.9 76.9 76.9 76.9 76.9 76.9 76.9 76.9 76.9 76.9 7717 78.0 78.0 78 •D GE 120001 76.6 78.0 78.0 78.Ô 78.0 78.0 78.0 78.0 78.0 78.0 GE 190001 79.7 81.1 83.9 80.9 86.9 81.1 81.1 81.1 81.1 81.1 81.1 81.1 81.1 81.1 81.1 81.1 82.0 30 90001 80.6 81.7 81.7 81.7 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.6 GE 80001 80.6 82.3 82.3 82.3 82.6 82.6 82.6 82.6 82.9 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.9 70001 60.9 82.6 82.9 82.9 82.9 82.9 82.9 CΕ 82.9 82.9 82.9 GE 60001-81.4 93.1 83.1 83.1 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83 .4 50001, 83.1 84.9 84.9 85.1 84 • 9 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 ĞE 45001 83.4 85.1 85.1 85.4 85.4 85.4 85.4 85.4 85.4 85.4 85.4 85.4 85.4 85.4 85.4 GE 48001 85.4 87.1 87.4 87.7 87.7 87.7 87.7 87.7 87.7 87.7 87.7 87.4 GE GE 88.3 88.3 39001 85.7 87.7 88.0 88.0 88.3 88.3 88.3 88.3 88.3 88.3 88.3 88.3 88.3 88.3 30001 86.0 88.3 88.6 88.6 88.9 88.9 88.9 28.9 88.9 88.9 88.9 28.9 88.9 88.9 88.9 88 .9 25001 86.3 GE. 88.6 88.9 88.9 89.1 89.1 89.1 89.1 89.1 89.1 89.1 89.1 89.1 89.1 89.1 89.1 91.1 GĘ 2006 87.4 90.3 90.6 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 90.6 6E 65 91.1 12001 87.4 91.1 90.3 90.6 90.6 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 93.3 91.1 1001 91.1 91.1 90.6 90.6 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 12001 87.7 90.6 93.9 90.9 94.3 GΞ 10001 88.6 92.0 92.6 92.6 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 92.9 94.9 94.9 95.1 92.6 94.9 94.9 95.1 94.9 94.9 95.1 94.9 95.1 GE 9001 68.9 92.9 94.9 94.9 94.9 94.9 94.9 GE 800| 88.9 93.1 95.1 95.1 95.1 95.1 95.1 95.1 95 .1 GE GE 7601 89.1 6001 89.4 96.0 92.9 94.0 94.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 94.3 94.3 96.3 93.1 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 5001 89.4 93.7 GE 94.9 94.9 96.9 97.1 97.1 97.4 97.7 97.7 96.9 96.9 96.9 96.9 97.1 97.4 GE 400| 87.7 390| 89.7 9470 97.1 97.1 97.7 97.7 97.7 95.1 95.1 97.4 97.4 97.4 98.0 98.0 98.3 98 • 3 97.4 98.3 94.0 94.0 95.1 95.1 95.1 95.1 97.1 97.1 97.4 98.3 97.7 98.6 97.7 98.6 98.3 99.1 97.1 97.4 97.7 98.0 98.0 98.3 2501 89.7 98.6 98.9 98.9 99.1 97.7 98.3 98 • 3 GE :031 89.7 94.0 95.1 98.3 98.3 98.6 98 • 6 98.9 98.9 99.1 99.7 Gξ 31 89.7 94.0 95.1 95.1 97.1 97.7 98.3 98.3 98.3 98.6 98.6 98.6 98.9 98.9 99.1 100.0

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GLOBAL CLÍMÁTOLOGY BRANCH USAFETAC AIR KEATHÉR SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATÎON NUMBER: 729680 STATION NAME: FT CARSON/BUTTS AAF CO

ATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 2100-2300

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CEIL	ire	• • • • • •	• • • • • •	• • • • • • •	•••••	*****	******			IN STATE			• • • • • • •	• • • • • •	• • • • • •	• • • • • •	••••••
111	Ĭ	GE	GE	GE	GΕ	GΕ	GE	GE	GE	GΕ	GΕ	66	GE	GE	GE	GE	GΕ
FEET	7 Í	1.0	6	5	45	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
	-										. <b></b> : . <del>.</del> .					<b></b>	
****	••••				•••••								••••	• • • • • • •	• • • • • •	• • • • • • •	•••••
70. CE	E1L _[	69.4	69.4	70.1	70.1	73.1	7C.1	70.7	73.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
6E 23	10090	75:5	75.8	76.4	76 • 4	76.4	76.4	77 <b>.</b> 1	771	77.İ	77.1	.77.1	77.1	77.1	77.1	77.1	77.1
GE .16	eros i	77.1	77.4	78.0	78 . D	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
	60001		77.4	78.0	78.0	78.0	78. G	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
		79.0	78.3	79.0	79.0	79.0	79.0	79.6	79.6.		79.6	79.6	79.6	79.6	79.6	79.6	79.6
	20001		79.9	80.6	80.6	83.6	80.6									81.2	
06.14	er në I	14.0	19.9	973.0	80.0	00.0	0U• 6	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GF 16	19030	83.1	83.4	84.1	84.1	84.1	Á4.1	84.7	64.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
	icése		84.1	84.7	-84 - 7	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
	80001		84.7	85.4	85.4	85.4	85.4	86.0	86.0	86.8	86 • C	86.0	86.0	86.0	86.0	86.0	
																	86.0
	18937		34.7	85.4	85.4	85.4	85.4	86.0	86.0	86.0	0.68	86.0	86.0	86.0	86.0	86.0	86.0
GË (	P5561	84.1.	84.7	85,•4	85 • 4	85.4,	85 • 4	86.0	86.0	86.0	86.0	86.0	86.8	86.0.	86.0	86.0	86 •0
<b>ιε</b> 9	52861	86:0	86.6	87.3	87.3	87.3	87.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
		66.G	86.9	87.6	87.6	87.6	87.6	88.2	88.2	88.2	98.2	88.2	88.2	88.2	88.2	88.2	88.2
	4660 L																
			87.6	88.2	88.2	88.2	88 • 2	88.9	88.9	88.9	36.9	88.9	88.9	88.9	88.9	88.9	88 •9
	35601		87.6	88.2	88 • 2	68.2	88.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE A	32001	87.3	88.2	88.9	-88.9	83.9	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2	25001	87.6	88.5	89.2	89.2	89.2	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
	20001		88.9	89.5	89.5	89.5	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
	18001		59.2	89.8	89.8	89.8		90.4									
							89.8		90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
	15001		90.1	90.8	90.8	90.8	20.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1	12031	89.5	93.8	91.4	91.4	91.4	91.4	92.C	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE I	1000[	96.1	91.7	92.4	92.4	93.3	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE		92.4	92.C	92.7	92.7	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
√GE		90.8	93.8	93.6	93.6	94.6		95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE		90.8					94 • 6										
			93.3	93.9	93.9	94.9	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
6E	6001	90.8	93.3	93.9	93.9	94.9	94.9	96.2	96.2	96.2	96.2	96.2	96.2	96 • 2	96.2	96.2	96.2
39	5001	90.8	93.6	94.3	94.3	95.2	95.2	96.5	96.5	96.5	76.5	96.5	96.5	96.5	96.5	96.5	96.5
űΕ		90.8	93.9	94.6	94.6	95.9	95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE		90.8	93.9	94.6	94.6	95.9											
							95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
39		90,8	93.9	94.6	94.6	95.9	95.9	97.1	97.1	97.1	97 • 1	97.1	97.1	97.1	97.1	97.1	97.1
ĿΕ	100]	90.8	93.9	94.6	94.6	95.9	95.5	97.1	97.1	97.1	97.5	97.8	97.8	97.8	97.8	97.8	98 •1
GΕ	ត្រ	90.8	93.9	94.6	94 • 6	95.9	95.9	97.1	97.1	97.1	97.5	97.8	97.8	98.1	98.1	98.1	100.0
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2001 63.7

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUTLY OBSERVATIONS.

PEPIOD OF RECORD: 78-87 STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO MONTH: FEB POURS (LST): VISIBILITY IN STATUTE MILES CE IL ING I GE GE 5 GE GE 2 1 1/2 GE GΕ GE GE GE GE. GF GE FEET 1: 15 3 2 1/2 6 4 1 1/4 3/4 5/8 1/2 5/16 1/4 0 1 63.1 63.0 63.1 63.1 63.1 63.1 63.1 63.1 63.1 63.1 63.1 NO CEIL 1 61.5 62.2 62.6 62.7 71.7 71.8 71.6 71.7 71.7 71.7 71.7 71.7 71.7 GE 200001 69.8 70.6 71.0 71.2 71.6 71.7 71.7 72.1 72.4 73.6 72.2 72.5 73.7 72.2 72.5 73.7 72.2 72.5 73.7 72.3 72.6 73.8 GE 18900| 70.3 GE 16000| 70.6 GE 14200| 71.7 72.2 72.5 73.7 71.6 71.8 73.0 71.7 72.2 72.2 72.2 72.3 72.3 71.1 72.5 72.5 73.7 72.6 71.4 72.6 73.7 72.6 73.7 72.0 72.4 72.5 73.1 73.6 75.2 GE 120001 73.1 78.4 78.5 78.5 78.5 78.6 78.6 78.6 78.6 GE 100001 76.3 77.2 77.7 77.9 78.4 78.1 78.8 79.0 79.7 79.0 79.7 79.0 79.7 79.0 79.8 79.3 79.8 79.1 79.8 79 .1 79 .8 90001 76.7 78.8 79.6 78.9 79.6 79.0 79.0 υE 800C1 77.2 78.3 79.0 79.7 79.7 79.7 78.5 GE 70001 79.0 79.2 79.9 79.9 79.9 80.0 80.0 80.0 80.0 60001 77.7 78.8 79.3 79.5 0.03 1.05 80.2 80.2 80.2 80.2 80.2 80.2 80.3 80.3 80.3 80.3 GE GE 81.0 81.6 50001 79.0 90.3 80.7 81.6 81.8 81.8 81.8 81.8 81.8 81.8 81.9 81.9 81.9 81.9 82.2 84.7 45061 75.2 82.0 84.6 82.0 84.6 82.1 82.1 82.1 85.5 81.0 81.2 81.8 81.6 82.8 82.1 82.1 82.1 GΞ 4000 81.1 82.6 83.2 83.5 84.3 84.3 84.6 84.7 84 • 7 64.7 GE GE 35001 81.4 83.1 83.7 84.0 84.8 84.8 85.1 85.2 85.2 85.2 85.2 85.2 85.2 85.2 85.3 85.3 86.4 30001 82.0 83.9 84.6 85.1 85.9 86.0 86.3 86.4 86.4 86.4 86.4 86.4 86.4 86.5 97.0 25001 82.2 84.3 87.0 87.0 87.0 GE 85.0 85.5 86.9 88.3 86.9 86.4 86.6 86.8 86.9 86.9 86.9 88.3 20001 82.6 25.1 e7.7 88.1 98.3 88.4 88.5 88.4 88.4 GE GE 86.0 86.5 87.6 89.3 88.3 87.7 89.4 88.5 28.5 18001 82.7 85.2 86.1 86.6 87.9 88.2 88.4 88.4 88.4 88.5 89.3 GE 15601 82.9 87.2 88.4 89.0 89.3 89.3 89.3 89.3 89.4 86.6 88.6 35.6 99.1 12001 83.1 90.0 90.0 90.1 90.1 90.1 90.1 90.2 90.2 90.6 10001-83.4 87.9 88.7 21.0 91.9 92.1 92.1 92.2 92.2 92.3 92.3 ь€ 86.8 91.5 91.9 92.1 86.9 87.3 91.1 91.5 91.5 91.9 92.0 92.5 92.5 92.9 92.5 93.0 92.7 93.2 92.8 93.2 92.8 93.2 92.8 93.4 92.9 93.5 92.9 93.6 93 •1 93 •7 GE 9001 83.5 88.2 89.0 8001 83.6 88.5 89.4 GE 94.2 7001 63.7 88.7 89 . 6 92.3 92.9 93.5 93.5 93.8 93.9 93.9 94.1 94.3 94.4

94.8

95.6

96.5

97.2 97.6

98.1

95.0

95.8

96.7

97.5 98.0

98.5

95.1

96.0

96.9

98.4

99.7

TOTAL NUMBER OF OBSERVATIONS: 3272

87.5

87.6

97.7

87.7

87.7

88.8

89.6

89.1

89.1

89.1

89.1

89.7

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90.1

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96.4 97.1 97.5 GLOBAL CLIMATOLOGY BRANCH-USAFETAC PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AIR REATHER SERVICE/HAC

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STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87

MONTH: MAR HOURS(LST): 0600-0800

A Committee of the Comm

VISIBILITY IN STATUTE MILES CE IL IÑG E GE 2 1 1/2 I- GE GE. GΕ GΕ GΕ CΕ GE GE GΕ IN 1 1/4 10 6 5 4 3 2 1/2 3/4 5/8 1/2 5/16 1/4 ก NO CEIL | 55.2 95.3 55.3 55.3 55.3 55.3 55.3 55.3 55.3 55.3 55.3 55.3 GE 200001 60.3 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 63.7 60.7 60.7 60 •7 GE 18000 61.4 GE 16000 61.7 61.9 61.9 61.9 62.2 61.9 61.9 62.2 61.9 61.9 61.9 61.9 62.2 61.9 62.2 61.9 62.2 61.9 62.2 61.9 61.9 62.2 61.9 62.2 140001 64.5 65.0 65.0 65.0 65.0 65.0 65.0 65.9 65.G 65.0 GE 12000| 69.0 69.5 .69.5 69.5 69.5 69.5 69.5 69.5 69.5 69.5 69.5 69.5 69.5 69.5 69.5 69.5 74.2 100001 73.4 74.2 74.2 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74 .4 75.6 76.2 GE 90001-74.6 80001-75.2 75.4 76.1 75.4 75 • 4 76 • 1 75.6 76.2 75.6 75.6 75.6 75.6 75.6 75.6 76.2 75.6 75.6 75.6 75 .6 GΕ 76.1 76 - 2 76.2 76.2 76.2 76.2 76.2 76.2 76.2 76.2 77.2 77.2 70001 77.1 77.1 77.2 77.2 77.2 77.2 77.2 77.2 77.2 77.2 GE. 60001 77.2 78.5 78.5 78.5 78.7 78.7 78.7 78.7 78.7 78.7 78.7 78.7 78.7 78.7 78.7 78.7 79.6 79.5 GΕ 50001 79.4 79.5 79.6 79.6 79. A 79.8 79.8 79.8 79.8 79.8 79.8 79.8 79 .R GE 45001 78.1 79.6 79.8 79.8 79.9 79.5 79.9 90.G 80.0 90.0 80.0 89.0 80.0 80.0 80.0 80.0 GE 40001 78.5 80.2 80.3 80.3 80.4 80.4 80.6 80.6 80.6 86.6 80.6 89.6 80.6 80.6 83.4 80.6 35091 79.4 31.C 81.1 81.1 81.2 81.2 81.2 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 GE 30001 79.6 81.2 81.5 81.6 81.5 81.6 81.8 81.9 81.9 81.9 81.9 81.9 81.9 81.9 81.9 81.9 GE 83.0 83.0 83.1 83.1 25001 80.0 82.1 32.5 82.5 82.7 82.7 82.7 83.0 83.1 83.1 83.1 83.1 GΕ 83.1 83.5 2600| 80.7 82.7 83.1 83.5 83.7 83.9 83.9 83.9 84.1 84.1 84.1 84.1 18001 80.7 82.7 83.1 83.3 83.7 83.7 83.8 84.1 84.1 84.1 84.2 84.2 84.2 84.2 84.2 84 .2 GĘ GÉ GE 85.0 15001 81.4 83.4 A3.8 84.1 84.6 94.6 84.8 85.0 85.9 85.3 85.3 85.3 85.3 85.3 85.3 12001 81.6 83.9 25.2 85.3 85.6 85.8 85.8 85.8 85.8 84.3 84 . 6 85.2 85.6 85.6 85.8 85.8 GΕ 85.0 85.6 87.2 87.2 87.2 87.2 87.2 87.2 10001 82.6 86.0 86.9 86.5 36.5 86.6 86.9 86.9 87.2 87.4 9001 82.7 86.9 87.2 87.2 87.4 Gξ 85.3 86.2 8 . 6 8 8.63 87.0 87.4 87.4 87.9 GĘ 800| 83.0 85.6 86.1 86.5 27.0 87.2 87.7 87.7 87.7 87.7 87.7 87.7 87.9 87.4 87.6 88.3 7001 83.0 85.7 87.4 88.3 88.3 88.3 88 .3 GE 86.2 86.6 88.3 660 83.0 86.8 68.1 88.3 88 • 5 8 - 8 9 89.3 91.0 GΕ FSGI 88.5 89.3 89.9 90.6 90.7 89.6 93.1 91.2 91.2 91.9 93.5 93.9 4001 83.0 36.0 86.5 87.0 88.5 89.2 89.9 90.3 90.7 91.8 92.6 93.1 93.1 93.1 91.4 93.4 93.8 95.4 3001 83.0 2001 83.0 69.2 89.9 92.6 94.5 6E 86.1 86.8 87.4 91.0 95.1 95.4 92.2 95.1 97.0 97.4 87.4 89.2 39.9 91.0 98 •4 GE 36.1 8.38 94.1 94.2 1001 63.0 87.6 95.4 97.4 97.8 99.7 20.0 91.4 91.5 92.4 8E 87.0 92.4

TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUSELY OBSERVATIONS

THE COUNTY OF THE PARTY OF THE

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTIS AAF CO PERIOD OF RECORD: 78-87 MONTH: MAR POURS(LST): 0900-1100 CEILING VISIBILITY IN STATUTE MILES GE GES GΕ 5/16 111 GE GE GF GΕ ßE FEET 5 4 3 2 1/2 2 1 1/2 1 1/4 3/4 5/8 1/2 1/4 0 NO CEIL | 55.2 55.3 55.4 55.4 55.4 55.4 55.5 55.5 55.5 55.5 55.5 55.5 55.5 55.5 55.5 \$5.5 GE 200601 63.7 64.2 64.5 64.2 64.3 64.3 65.0 GΕ 18000L 64.5 65.0 65.0 65.0 65.1 65.1 65 •1 65 •4 54.8 65.1 65.1 65.1 65.1 65.1 65.1 160001 64.7 65.1 65.2 65.2 65.2 65.2 65.4 65.4 65.4 65.4 65.4 65.4 65.4 65.4 65.4 GE 14000| 66.6 12000| 69.8 67.0 67.1 67.1 67.1 67.1 67.3 67.3 67.3 67.3 67.3 67.3 67.3 70.4 7C.4 73.4 70.4 70.6 70.6 79.6 70.6 70.6 70.6 70.6 70.6 70.6 70.6 100001 73.9 75.2 75.3 75.3 GΕ 75.3 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75 .4 76.1 77.5 76.1 77.5 GE GE 90001 74.5 80001 75.9 75.8 77.2 75.9 77.3 75.9 77.3 75.9 77.3 75.9 77.3 76.1 77.5 76.1 77.5 76.1 77.5 76.1 76.1 76.1 76.1 76 .1 77.5 77.5 77.5 77.5 77.5 10021 76.9 78.5 78.5 78.5 GE 60001 77.5 78.7 78.9 79.0 79.0 79.1 50001 78.7 GF 80.1 80.4 80.8 80.9 80.9 81.0 81.0 81.0 81.0 81.0 81.0 81.0 81.0 81.0 81.0 45001 77.2 80.9 81.3 Gξ 90.6 81.4 51.4 81.5 81.5 81.5 81.5 81.5 81.5 83.1 81.5 81.5 83.2 81.5 63.2 81.5 83.2 30 68 40001 60.1 52.0 82.3 82.7 82.9 82.9 83.1 83.1 83.1 83.1 83.1 83.2 35001 80.8 82.9 83.2 83.6 83.8 83.8 83.9 83.9 83.9 83.9 83.9 83.9 84.1 30001 81.9 85.2 85.2 85.2 85.2 85.4 85.4 85.4 85 .4 25001 81.9 84.6 85.0 86.1 87.0 87.0 87.0 87.1 86.1 87.0 87.1 87.3 87.3 87.3 87.3 20001 82.0 19001 82.0 85.1 85.1 87.1 GF 84.7 85.5 86.2 86.2 87.1 87.1 87.1 87.3 87.4 űΕ 85.5 94.7 86.2 86.2 87.1 87.1 87.1 87.1 87.3 87.3 87.4 87.4 87.4 87.4 32 32 85.0 15601 82.2 85.5 85.9 87.9 88.2 88.2 88.2 88.0 88.2 12001 25.5 86.3 86.5 87.5 87.5 88.5 88.5 88.7 98.7 88.8 88 . 8 88.9 88.9 88.9 88 .9 υĒ 10001 82.8 25.7 87.9 88.0 86.4 86.9 89.0 89.0 89.2 80.4 A . . . 89.6 89.7 29.7 89.7 89.7 9901 83.1 36.0 87.5 89.7 86.8 88.5 86.7 89.7 93.4 89.8 90.3 98.4 90.6 90.6 99.6 90.6 1.53 [003 GE 86.9 86.8 27.5 88.7 88.9 89.9 89.9 93.1 90.6 99.7 99.8 91.0 91.0 91.0 91.0 700| 83.1 91.5 93.1 GE 86.0 86.8 27.9 90.6 89.2 89.4 90.6 90.7 91.2 91.3 91.7 91.8 91.8 6E 6001 63.2 93.5 93.5 6E 5061 63.2 36.1 87.0 88.2 90.2 96.4 91.7 92.0 92.2 94.1 95.3 93.4 94.5 95.2 95.2 95.2 90.7 90.8 92.4 92.7 92.7 93.1 95.4 95.1 96.4 97.1 96.6 96.6 96.6 6E 4901 83.2 26.1 87.1 88 + 3 90.3 93.0 94.5 95.8 83.2 56.1 87.3 90.4 1005 88.4 93.4 94.9 96.4 95.0 GE 2001 83.2 1.65 68.4 98.4 90.8 92.9 93.2 43.5 98.5 98.2 98.5 GΕ 1001 83.2 67.3 26.1 90.4 28.4 99.6 96.8 92.9 93.2 93.5 95.0 96.6 96.9 98.2 98.5 98.5 GE 21 83.2 86.1 88.4 90.4 93.2 96.6 40.8 92.9 93.5 95.0 96.9 98.2 98.5 98.5 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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11		GE	GE	GE	GE	GE	GE	GE	GE.	GE	GE	GE.	GE	GΕ	GE	GE	GE
FÊ		12	6	5	4	3			1 1/2		ı	3/4	5/8	1/2	5/16	1/4	ō
٠.		• • • • •	· • • • • • •		• • • • • • •	• • • • •	• • • • • • •		• • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • •
0 (	EIL	50.8	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2
ε :	200001	57.3	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8
Ε :	180081	60.3	60.6	60.7	68.7	60.7	60.7	60.7	60.7	60.7	50.7	60.7	60.7	60.8	63.8	60.8	60.8
Ξ	163601	60.7	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2
ξ :	149001	62.5	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0
Ξ :	150051	65.0	65.2	65.4	65.4	65.4	65•4	65 • 4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5
	100001	67.7	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	69.4	68.4	68.5	68.5	68.5	68.5
:	90001	68.5	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69 • 1	69.1	69.1	69.3	69.3	69.3	69.3
	scco!	71.2	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.0
:	70001	72.2	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
:	60001	73.5	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3
	50001	78.3	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79 .2
	45001	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8
	40001		83.5	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
	3500		85.2	95.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.9	85.9	86.0	86.0	86.0	86.0
	30001	85.6	87.4	88.1	88.3	88.7	88.7	88.7	83.7	88.7	88.7	88.88	88.88	89.0	89.0	89.0	89.0
	10025	86.4	98.6	89.2	89.6	90.1	90.1	99.1	90.1	90.1	93.1	90.3	90.3	90 • 4	90.4	90.4	90 •4
	ZC30 [	86.4	88.7	89.4	89.9	90.4	96.4	90.4	90.4	93.4	93.4	99.5	90.5	90.7	90.7	90.7	90.7
:	18001	26.4	88.7	89.4	89.9	93.4	96.4	90.4	90.4	90.4	90.4	93.5	90.5	90.7	90.7	90.7	90.7
:	15001		38.8	89.5	90.0	93.5	90.5	90.7	90.7	90.7	90.7	90.8	90.8	90.9	90.9	90.9	90.9
	12001	86.8	89.2	90.1	90.8	91.4	91.4	91.6	91.6	91.6	91.7	91.8	91.8	92.0	92.0	92.3	92.0
	10001	86.9	89.8	90.9	91.8	92.6	92.7	93.1	93.1	93.1	93.4	93.5	93.5	93.8	93.8	93.8	93 •8
	9031	86.9	90.0	91.2	92.3	93.3	93.4	93.8	93.8	93.8	94.5	94.2	94.2	94.4	94.4	94.4	94.4
		86.9	20.0	91.2	92.3	93.3	93.4	94.0	94.3	94.3	94.7	94.8	94.3	95 • 1	95.3	95.3	95.3
Ξ		66.9	90.3	91.4	92.6	93.5	93.6	94.3	94.6	94.6	95 • 1	95.2	95.2	95.7	96.0	96.0	96 •0
=	6001	86.9	90.3	91.4	92.6	93.6	93.9	94.8	95.2	95.2	95 • 8	96.0	96.0	96.5	96.8	96.8	96 •8
	•	86.9	90.3	91.4	92.7	93.8	94 • C	95.1	95.5	95.5	96.1	96.2	96.2	96.9	97.1	97.1	97 • 3
		66.0	90.3	91.4	92.7	93.8	94 • C	95.2	95.6	95.6	96.2	96.5	96.5	97.1	97.4	97.5	97.7
		86.9	90.3	91.4	92.7	94.0	94.4	95.7	96.1	96.1	96.9	97.1	97.1	98.1	98.3	98.4	98 •6
		66.0	90.3	91.4	92.7	94.0	94.4	95.7	96.1	96.1	97.0	97.4	97.4	98 • 8	99.1	99.2	99 •5
;	1001	86.0	≎0∙3	91.4	92.7	94.0	94.4	95.7	96.1	96.1	97.0	97.4	97.4	98.8	99•1	99.2	100.0
	21	86.9	90.3	91.4	92.7	94.0	94.4	95.7	96.1	96.1	97.0	97.4	97.4	98.8	99.1	00 0	100.0

GLOBAL CLIMATCLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CCILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

.PERIOD OF RECORD: 78-67
HONTH: MAR HOURS(LST): 1500-1700

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STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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FEET	i	10	6	5	Ŭ-4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	ū
	- 7		-					_		•••••	-						
					• • • • • • • •	• • • • • • •											
NO CE			45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
NO CE	11 1	45.0	43.3	43.3	49.3	73.3	734 3	73.3	73.3	4343	43.5	4343	.5.5	,,,,	1373	1015	1010
~- ~~	0001		55.6	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
6E 29						56.4		56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE :8			56.1	56.1	56 - 3		56.4		56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GC 16			56.4	56.4	56.6	56.7	56.7	56.7			60.0	60.0	60.0	69.0	60.0	60.0	60.0
GE 14			59.7	59.7	59.9	69.0	60+ C	63.0	60 · C	60.0							64 •5
6E 12	5061	63.6	64.2	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	C+ +3
												/n n			68.0	68.G	68.0
6E 1C			07.7	67.7	67.8	0.83	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0			68.7
		67.8	66.4	68.4	66.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	
		60.6	70.4	70.4	70.6	70.7	70.7	70.7	70.7	73.7	70.7	79.7	70.7	70.7	70.7	70.7	70 -7
		70.6	71.4	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71 • 7
6E 6	CCDI	72.4	73.3	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
			<b>.</b>					/	20 (	~~ .	** /	70 (	70 /	78.6	78.6	78.6	78.6
		77.5	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6				
		78 - 1	78.9	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79+2	79 •2
		٤2.1	33.8	83.8	84 • 0	84.1	84 • 1	84.1	84.1	84.1	84.1	84.1	84 • 1	84.1	84.1	84.1	84.1
		85.3	27.2	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
6E 3	ceel	87.2	89.8	90.3	90.6	99.9	90.9	90.9	93.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
																91.5	91.5
		67.4	90.2	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5		
		87.4	96.8	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92 •4
		87.4	90.8	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
		87.6	91.3	92.2	92.6	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1	2001	88.9	92.2	93.1	93.5	93.8	93.9	93.9	93.9	93.9	94 • 1	94.1	94 • 1	94.1	94.1	94.1	94 •1
	onal	~~ ~	00.0	0 7 2	Au (1	04. 7	ou c	94.8	94.9	94.9	95.2	95.4	95.5	95.7	95.7	95.7	95.7
		28.2	92.9	93.8	94.4	94.7	94.8							96.4	96.4	96.4	96.4
		68.3	93.1	93.9	94.8	95.1	95.2	95.5	95.7	95.7	96.9	96.1	96.2				96.7
		88.3	93.1	93.9	94.9	95.2	95.4	95.7	95.8	95.8	96 • 1	96.2	96.4	96.7	96.7	96.7	
		88.3	93.1	93.9	94.9	95.2	95.4	95.8	96.0	96.0	96 • 2	96.4	96 • 5	96.8	96.8	96.8	96.8
ьE	6001	88.3	93.1	93.9	94.9	95.2	95.4	96.3	96.4	96 • 4	97.1	97.3	97.4	97.7	97.7	97.7	97.7
	I					65.7						97.8	98.0	98.3	98.3	98.3	98 •3
		56.3	93.1	93.9	95.4	95.7	95.8	96.5	97.0	97.0	97.7		98.6	98.8	98.8	98.8	99 •0
		88.3	93.1	93.9	95 + 4	95.8	96.0	96.7	97.1	97.1	98.0	98.4			99.4	99.4	99.6
		88.3	93.1	94.1	95.5	96.0	96.1	97.0	97.4	97.4	98.6	99.0	99.1	99.4			
GΕ	1031	88.2	93.1	94.1	95.5	96.0	96.1	97.0	97.4	97.4	98.6	34°C	99.1	44.66	77.9	44.6	100 •0
ьΕ	1605	88.3 88.2	93.1 93.1	94.1 94.1 94.1	95.5 95.5 95.5	96.0	96.1 96.1	97.0 97.0 97.0	97.4 97.4	97.4 97.4	98.6 98.6 98.6	99.0 99.0	99.1	99.4	99.4	99.4	99 •6 100 •0

97.4

98.6

99.0

99.1

99.4

99.4

GLOBAL CLINATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUSLY OBSERVATIONS

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ST	at Ion	NUR	BER:	72468C	STATI	: 3MAN NO	F٦	C 4R SON /81	AA STEE	F CO					ORD: 78			
													HONTH			(LST):	1800-20	100
	ILING		• • • •	• • • • • • • •	•••••		• • • • •	• • • • • • • •	v 1 S I V	BILITY	IN STAT	OTE HIL	ES.	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	••••
	111		Gξ	GE	6E	GΕ	GE	GE	GΕ	GE	GE	GE	GE.	GE	GE	GE	GΕ	GΕ
F	133	1	16	દ	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
• • •	• • • •	• • • •	••••	• • • • • • •	•••••	• • • • • • • •	• • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	••••••
					c 2 "	52.4	c 2 "	52.4	52.4	c> "	E 2 //	C 2 - 11	52 H	52.4	E2 //	F2 "	F2 "	52.4
NO	CEIL	1 5	1.6	52.1	52.4	32.44	52.4	32.4	32.4	52.4	52.4	52.4	52.4	32.4	52.4	52.4	52.4	32.4
GE	2000	31 S	7.6	58.1	58.3	58.3	58.3	56.3	58 • 3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
	1850			58.8	59.1	59.1	59.1		59.1	59.1	59.1	59.1	59 • 1	59.1	59.1	59.1	59.1	59.1
	1600			59.8	63.0	60.0	60.0		60.0	69.0	60.0	60.0	60.0	60.0	60.9	60.0	60.0	60.0
68	1400	ci 6	1.3	61.8	62.0	62.8	62.3	62.G	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62 40
υĉ	1200	oj e	4.8	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
	1000			63.2	68.5	68.5	68.5		68.5	68.5	ú8∙5	68.5	69.5	68.5	68.5	68.5	68.5	68.5
GE		G  6		68.7	69.0	69 <b>.</b> 0	69.0		69.0	69.0	69.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GΕ		3 7		71.7	72.0	72.0	72.3		72.0	72.0	72.0	72.C	72.0	72.0	72.0	72.0	72.0	72.0
GΕ		9! 7		73.C	73.2	73.2	73.2		73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GΕ	ers	0   7	3.9	74.7	74.9	74.9	74.9	74.9	74.7	74.9	74.9	74.9	74,9	74.9	74.9	74.9	74.9	74.9
30	5(3)	e1 7	e . L	19.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GΕ		0 i 7		80.1	80.4	80.4	80.4		80.4	80.4	80.4	90.4	89.4	83.4	80.4	80.4	80.4	80.4
GΕ		οί έ		84.1	84.4	84 • 4	84.4		84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GΕ		el a		97.3	87.6	87.6	67.6		87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE		ciε		89.8	90.1	90.1	99.1		90.1	90.1	96.1	90.1	90.1	90.1	93.1	90.1	90.1	90.1
GΕ	250	3 IC	7.8	91.1	91.6	91.6	91.6		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
ΰĘ		0		91.3	92.3	92.3	92.3		92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE		olε		¢1.6	92.6	92.6	92.6		92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE		018		91.6	92.8	92.8	92.8		92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE	120	3 I E	8.5	92.3	93.3	93.3	93.3	93°, 3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GF.	100	018	۵.6	93.1	94.5	94.3	94.3	94.3	94.5	94.5	94.5	95.0	95.8	95.0	95.0	95.0	95.0	95.0
65		8 10		93.1	94.3	94 - 3	94.3		94.5	94.5	94.5	95.0	95.0	95.0	95.0	95.0	95.C	95 •0
GE		ci s		73.1	94.3	94.3	94.3		94.5	94.5	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0
ίĒ		ci s		93.3	94.3	94.8	95.3		95.3	95.5	95.5	96.0	96.0	96 • G	96.0	76.0	96.0	96.0
GΞ		SI 8		93.5	94.5	95.0	95.3		95.5	95.8	95.8	96.6	96.8	96.8	96 • 8	96.8	96.8	96.8
			• • •					,,,,	,,,,	, , , ,	,,,,,	,,,,		,,,,				
GC	50	0	0.8	93.5	94.5	95.0	95.3	95.5	95.8	96.0	96.0	97.8	98.3	98.3	98.3	98.3	98.5	98.5
GΕ		3 I C		93.5	94.5	95 • 0	95.3		95.8	96.0	96.0	97.8	98.5	98.5	98 • 5	98.8	99.8	99 •0
GE.		oj e		93.5	94.5	95.0	95.3		95.8	96∙€	96.0	97.8	98.5	98.5	98.8	99.3	99.3	99.3
ee		ાં ક		93.5	94.5	95 • 0	95.3		95.8	96.0	96.0	97.8	99.5	98.5	99 • 0	99.3	99.5	99.5
GΕ	10	018	E . 6	93.5	94.5	95.0	95.3	95.5	95.8	96.0	96.3	97.8	99.5	98.5	99.0	99.3	99.8	100.0
GE		ol a	۰.	93.5	94.5	95 • 0	95.3	95.5	95.8	96.0	96.0	97.8	99.5	98.5	99.0	99.3	99.8	100.0
				*3.5	74.5	75 10	73.3	73.3	75.5	70.0	70.0	71.00	1212	70.5	77.0	77.5	77+8	100.0
													· · · · · · · · ·					

TOTAL NUMBER OF OSSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR KEATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF CCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION HUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PER10D OF RECORD: 78-87 MONTH: MAR HOURS(LST): 2100-2300

CEILING VISIBILITY IN STATUTE MILES																	
		GE	GΕ	GΕ	GE	GE	GΕ	GÉ.	GE	GE	GE	GE	GΕ	GE	GE	GE	GE
FĈ			- 6	<b>5</b>	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
						<i>.</i>		- • • • • • • •					• • • • • •				
	• • • • • •																
tio .	CEIL I	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	01.6	-61.6	61.6	61.6	61.6	61.6	61.6	61.6
	29005		67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
	180001		67.8	67.8	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
	160001		68.1	68.1	68 • 1	68.1	68.1	68.1	68.1	68.1	68 • 1	68.1	68.1	68.1	68.1	68.1	68 -1
	14090]		69.2	69.2	69.2	69.2	69 • 2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69 •2
GΕ	120001	71.2	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE	1 8880 (	73.7	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74 .6
GE	9:001		75.1	75.1	75 - 1	75.1	751	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75 -1
ĠΕ	86001		76.8	76.8	76.8	76.8	76.8	76.9	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76 •8
υĒ	79001		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE	60001		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
					****	•								• • •			
GE	50001	73.8	90.2	80.2	80.2	80.2	80.2	80.2	2.03	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE	45601	79.7	81.4	31.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE	40001		83.9	83.9	83.9	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84 .2
GE.	35001	83.1	35.3	85.3	85.3	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85 •6
GE	30001		87.9	87.9	87.9	1.38	86.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
																•	
υE	25301	85.6	88.7	88.7	88.7	89.0	89.0	89.3	89.3	89+3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE	2000	87.3	96.4	99.7	90.7	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
ŏΕ	18001	87.3	98.4	90.7	90.7	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE	15001	87.9	91.0	91.2	91.2	91.8	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE	12001	87.9	91.C	91.2	91.2	91.8	91.8	92.1	92.1	92.1	92.4	92.7	92.7	92.7	92,7	92.7	92.7
GE	10001	69.0	92.1	92.4	92.7	93.2	93.2	93.5	93.5	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94 •4
30	9001	89.B	92.1	92.4	92.7	93.2	93.2	93.5	93.5	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94 .4
GF	8001	89.0	92.1	92.4	92.7	93.2	93,2	93.8	93.8	93.8	94.4	94.6	94.6	94.6	94.6	94.6	94.6
GE.	7001	89.0	72.4	92.7	52.9	93.5	93.5	94.1	94.1	94.1	94.6	94.9	94.9	94.9	94.9	94.9	94.9
68		89.0	92.4	92.7	92.9	93.5	93.5	94.1	94.1	94.1	94.9	95.2	95.2	95.2	95.2	95.2	95.2
	-			_													
Ŀ÷	5001	89.¢	72.7	92.9	93.2	93.8	94.1	94.6	94.6	94.6	95.8	96.6	96.6	96.6	96.6	96.9	96.9
GE	400	3.03	72.7	92.9	93.5	94.1	94.4	94.9	95.2	95,2	96.3	97.2	97.2	97.2	97.2	97.5	97.5
űξ	3681	69.C	92.7	92.9	93.5	94.1	94.6	95.2	95.8	95.8	96.9	99.0	98.0	98.3	98.3	98.6	98.6
GĘ	2001	89.3	92.9	93.2	93.8	94.4	94.9	95.5	96.0	96.0	97.2	99.3	98.3	98.9	98.9	99.2	09.2
GE	1001	89.3	92.9	93.2	93.8	94.4	94.9	95.5	96 • C	96.0	97.2	99.3	98.3	98.9	98.9	99.2	99.7
						•											
6C	91	89.3	92.9	93.2	93.8	94.4	94.9	95.5	96.€	96.0	97.2	99.3	98.3	98.9	98.9	99.2	100.0
												• • • • • •	• • • • • •				

TOTAL NUMBER OF OBSERVATIONS: 35

GLOBAL CLIMATOLOGÝ BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY-FROM HOURLY OBSERVATIONS

STA	MOIT	NUMBER:	72468C	STATI	ON NAME:	: FT CARSON/BUTTS AAF CO PE														
												HONTH		HOURS		ALL				
CC	LING	• • • • • • •	• • • • • • •	•••••	••••••	• • • •	• • • , • • • • •			IN STAT			• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •			
		1 GE	GE	GΕ	GΕ	GE	GE	GE	GE	GE	GE GE	ES GE	Ġε	GΕ	GE-	GE				
	:ET	1 10	6	5	4		2 1/2		1 1/2		عن 1	3/4	5/8	1/2			G E			
			_								-				5/16	1/4	Ò			
• •.	• • • • •		• • • • • • •	•••••	•••••	• • • • •	• • • • • • •		• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •			
NO	CETI	1 52.6	52.€	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9			
	••••	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	5000	0.00	3217	52.,	3207	32 47	3247	22, 1	22.7	2647	34.17	3247	3247	3247	22.44			
GΕ	20000	1 60.2	60.6	6Ç.7	60.7	60.7	60.7	60.8	63.8	60.8	50.8	-60.8	60.8	69.8	60.8	60.8	60.8			
		61.0	61.4	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6			
υĒ	16000	1 61.3	61.8	6.1.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0			
GE	14000	63.6	64.1	64.1	64.2	64.2		64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2			
GE	12000	6.7.1	67.6	67.7	67.7	67.7		67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8			
																• • • • •	*****			
GΕ	10000	70.6	71.3	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6			
GΕ		71.3	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4			
GΕ		1 73.1	74.0	74.1	74 - 1	74.1	74 - 1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2			
ĞΕ		1 74.0	74.9	75.0	75 • C	75.1	75.1	75.1	75.1	7.5 . 1	75.1	75.1	75.1	75.1	75.1	75.1	75.1			
GE	6900	75.2	76.1	76.2	76 • 3	76.4	76 • 4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4			
GE.		78.2	79.3	79.5	79.6	79.7		79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7			
GΕ		78.5	79.9	80.7	80.1	80.2		80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3			
GΕ		81.0	32.7	82.9	83.0	83.1		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2			
GE		82.7	84.5	84.7	84.8	85.0		85.0	85.1	85.1	85 • 1	85.1	85.1	85.1	85.1	85.1	85.1			
GF.	3600	83.8	36.1	86.5	86.7	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3			
	2000	1 0% 5	57.0																	
66		84.5	87.0	87.5	87 • 7	88.1	1.98	68.3	88.4	88.4	88.4	88.5	88.5	88,•5	88.5	88.5	88.5			
30 30		64.6   64.8	37.5 97.5	88.1 88.1	88.3	88.8	86.8	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2			
		E5.1	87.9	88.6	88 • 4	8.83	88.8	89.1	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3			
GE GE		85.4	88.4	89.1	88.9	89.4	89.4	89.7	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9			
O.C.	1.00	1 63.4	00.4	89.1	89.5	90.0	96+1	90.4	90.4	93.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7			
GE	1000	85.6	89.1	89.9	90.4	91.0	91.1	91.5	91.6	91.6	91.9	92.0	92.0	92.2	92.2	92.2	92.2			
GC		85.9	89.3	92.1	90.6	91.4	91.5	91.9	92.0	92.0	92.4	92.5	92.6	92.7	92.7	92.7	92.7			
GF		86.0	89.4	90.2	90.9	91.5	91.6	92.2	92.3	92.3	92.7	92.8	92.9	93.0	93.1	93.1	93.1			
GE		86.0	89.5	99.3	91.1	91.9	92 • C	92.6	92.7	92.7	93.1	93.3	93.4	93.6	93.6	93.6	93.6			
GE		E 6 . Ω	39.6	90.4	91.2	92.2	92.3	93.0	93.3	93.4	94.0	94.3	94.3	94.6	94.6	94.6	94.6			
	•	•			,,,,		,,,,	,,,,,	,,,,,	, , ,	,	, , , ,	,,,,	7110	,,,,,	, , , ,	7 4 40			
GΕ	ser	1 86.6	89.6	90.5	91.4	92.5	92.7	93.5	93.8	93.9	94.7	95.2	95.4	95.7	95.8	95.8	95.9			
GE	400	0.63	89.6	93.5	91.5	92.6	92.9	93.9	94.2	94.3	95.3	96.0	96.1	96.6	96.8	96.9	96.9			
ĞĒ		86.0	89.7	90.6	91.6	92.8	93.2	94.3	94.7	94.8	95.9	96.7	96.9	97.5	97.8	97.9	98.1			
GE		86.0	29.7	93.6	91.6	92.8	93.2	94.4	94.8	94.8	96.0	97.0	97.1	98.1	98.6	98.8	99.3			
GΕ	130	1.68	89.7	9016	91.7	92.9	95.3	94.4	94.8	94.9	96.1	97.1	97.2	98.2	98.7	98.9	99.8			
											-	_	_							
GE	Û	1 66.0	99.7	90.6	91.7	92.9	93.3	94.4	94.8	94.9	96.1	97.1	97.2	98 • 2	98.7	98.9	100.0			
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ST	/1 TON	UKBER	: 724685	STAT-I	ON NAME	: FT C	AR SUN / B	UTTS AA	F CO			PERIOD	OF REC	ORD: 79	-67		
																0300-05	
CE .	11 186				••••			VISI	BILITY	IN STAT	JIM 3TU	ES.		•			•
:	เห	GE	ĠΣ	30	GΕ	GE	GE	GE	GE	GΕ	GE	GE'	GΕ	GE	GΕ	39	
F!	:e≀r	19	6	5	4	3	2 1/2	2	1 ,1/2	1-1/4	1	3/4	5/8	1/2	5/16	1/4	
	CEIL			55.8	55.8	55.8	56 - 1	58.1	58.1	58 • 1	58 • 1	58.1	58.1	58.1	58.1	58.1	!
er.	20005	1 67.6	60.5	60.5	60.5	60.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	
	18360			60.5	60.5	60.5	62.6	62.8	62.8	62.8	-62 • 8	62.8	62.8	62.8	62.8	62.8	ì
	16000			60.5	6C+5	60.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	ì
	14500				60.5	60.5	62.8	62.8	62.8	62.8	62.8	-62.8	62.8	62.8	62.8	62.8	ì
	12000			62.8	62.8	62.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	i
	,		021,0	5	02.70	02.00	••••	5571	034.		0541	0311	03	0301	0341	0341	,
ĞΕ	16009	55.8	65.1	65.1	65.1	65.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	
GΕ	9000	55.8	65.1	65.1	65.1	65.1	67.4	67.4	67.4.	67.4	67.4	67.4	67.4	67.4	67.4	67.4	
GE		59.1		69.8	69.8	69.8	72.1	72 • 1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	
GΕ		58.1		69.8	69 • 8	69.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	•
GΕ	6000	58.1	69.8	69.8	69.8	69.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	
GE	5000	53.1	69.8	69.8	69.8	69.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	
GE	4500	58.1	69.8	69.8	69.8	69.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	
Gξ	4600	60.5	72.1	72,1	72 • 1	72.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	
GΕ		62.8		76.7	76.7	76.7	79.1	79.1	79.1	79.1	79.1	79:1	79.1	79.1	79.1	79.1	
GE	3008	65.8	76.7	76.7	76.7	76.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	
ĞĒ		69.8		86.0	86.0	86.0	86.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	
GΕ		69.8		86.0	86.3	86.0	86.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	- 1
GΕ		72.1		89.4	88 • 4	88.4	90.7	90.7	90.7	90.7	70.7	90.7	90.7	90.7	90.7	90.7	•
ŝΕ		72.1		88.4	88.4	89.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	
GΕ	1200	72.1	88,4	88.4	88 • 4	88.4	90.7	90.7	90.7	90.7	90.7	99.7	90.7	90.7	90.7	90.7	
GΕ		74.4		90.7	90.7	90.7	93 • D	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	
GΕ		74.4		90.7	90.7	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	,
GE		74.4		90.7	90.7	93.7	93.0	93.0	93.0	93.B	93.0	93.0	93.0	93.0	93.0	93.0	
GΣ		74.4		90.7	90.7	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	•
GE	600	74.4	90.7	93.7	95.7	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	

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93.0 93.0 95.3 95.3

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TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAGETAC AIR MEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
\_FROM HOURLY OSSERVATIONS

STATION NUMBER: 72468C STATION NAME: ET CARSON/BUTTS AAF CO									MONTH: APR HOURS(LST): 0600-0800									
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LC.I	LING		GE	GE-	GE	GE.	GE	.GE	GE-	GE GE	שנה אונ. 36	ES GE	GE.	GE	. <del>.</del> .		ĞE	
		. GE 10	GE 6	ue Š	4		2 1/2			1 1/4	υς I	3/4	5/8	1/2	GE 5/16	GE 1/4	0 6	
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110	CEIL [	63.4	6318	-63.9	63.9	64•1	64+1	64.2	64.2	64.2	64.2	64.2	-64 • 2	64.2	64.3	64.3	64.5	
GE.	200691	: 69.0	69.4	69.5	69.5	69.7	69.7	69.8	69.8	69.8	69 6 9	69.9	69 69	69.9	70.1.	70.1	70.2	
	180001		69.8	69.9	69.9	70.1		70.2	76.2	75.2	70.4	70.4	70.4	70.4	70.5	70.5	70.6	
	160001		76.6	70.8	70.8	70.9		71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.3	71.3	71.4	
	142001		71.4	71.6	71.6	71.7	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.3	
	122001		73.2	73.4	73.4	73.5		73:6	73.6	73.6	73.8	73.8	73.8	73.8	73.9	73.9	74.0	
						,- •												
GE	100001	75.8	76.2	76.4	76.4	76.5	76.5	76.6	76:6	76.6	76.8	76.8	76.8	76.8	76:9	76.9	77.0	
GE	90001		76.9	77.0	77.0	77.2		77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.6	77.6	77.7	
GΕ	80001		79.6	79.8		79.9		80.1	80.1	80.1	80.2	80.2	80 - 2	80.2	80.3	80.3	86.5	
GE	70001		79:9	80.1	85.1	80+2		80.3	80.3	80.3	80.5	80.5	80.5	ชิบี•5	80.6	80.6	80.7	
ĞE	60001		81.6	81.3	81.3	81.4		81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.8	82.0	
	,		****	,					••••			• • • •	••••	~•••				
GE.	scool	81.8	82.2	82.5	82.5	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	83.1	83.1	83.2	
GE	-45001		32.5	82.8	82.8	82.9		63.1	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.3	83.5	
ĞΕ	4C001		84.3	84.6	84 . 6	85.0		85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.5	85.5	85.7	
GΕ	3500)		85.0	85.2	85.2	85.7		85.9	85.9	85.9	86.1	86.1	86 -1	36.1	86.2	86.2	86.3	
6E	30001		86.1	86.5	86 • 5	87.0		87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.7	87.7	87.8	
		****	••••	****	0015	••••	• • • •	*		•	• • • •	• • • • •		****	••••			
GE	25001	86.3	87.4	87:8	87.8	88.4	88.5	8.83	88.8	88.5	88.9	88.9	88.9	88.9	89.1	89.1	39.2	
GE.	20001	86.9	88.0	88.4	88.7	89.2	39.3	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.9	89.9	90.0	
GE		£7.3	88.4	89.1	89.3	89.9	90. C	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.6	90.6	90.7	
GΕ	15561	87.6	38.9	89.6	89.9	90.4	90.6	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.1	91.1	91.3	
GΕ	12001	88.3	89.8	90.4	90.7	91.4	91.5	91.8	91.8	91.8	91.9	91.9	91.9	91.9	92.1	92.1	92.2	
							- •			. •				• • •	= : -			
6E	10001	38.5	90.2	90.8	91.1	91.8	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.5	92.5	92.6	
6E	9001	88.5	93.4	91.1	91.5	92.2	92.3	92.6	92.6	92.6	93.0	93.0	93.0	93.2	93.3	93.3	93.6	
39	8001	68.5	90.4	91.1	91.5	92.2	92.3	92.6	92.6	92.6	93.0	93.2	93.2	93.3	93.4	93.4	93.7	
GΕ	7001	88.5	90.7	91.4-	91.9	92.8	93.0	93.3	93.3	93.3	93.9	94.0	94.0	94.1	94.3	94.3	94.5	
GΕ	6001	88.5	73.8	91.5	92.3	93.4	93.7	94.0	94.4	94.4	94.9	95.1	95.1	95.2	95.4	95.4	95.6	
GE	1002	89.7	91.0	91.8	92.6	94.0	94.5	94.8	95.2	95.2	95.9	96.2	96.2	96.3	96.4	96.4	96.7	
GΕ	4201	28.7	91.0	91.8	92.6	94.0	94.8	95.1	95.5	95.5	96.6	97.0	97.0	97.1	97.3	97.3	97.5	
38		88.7	91.0	91.8	92.6	94.1	94.9	95.4	95.9	95.9	97.0	97.7	97.7	98.1	98.5	98.5	98 •8	
GΕ	2001	88.7	91.0	91.8	92.6	94.3	95.1	95.5	96.0	96.D	97.1	98.0	98.0	98.4	98.8	98.9	99.3	
GE	1001	88.7	91.0	91.8	92.6	94.3	95 • 1	95.5	96.0	96.0	97.1	98.0	98.0	98.4	98 • 8	99.3	100.0	
GΕ	εI	68.7	91.0	91.8	92.6	94.3	95.1	95.5	96. C	96.6	97.1	98.C	98.0	98.4	96.8	99.3	100.0	
• • •	• • • • •		• • • • • •	· • • • • • •	• • • • • • • •					• • • • • •	• • • • • •	• • • • • •			• • • • • •	• • • • • •		• • •

TOTAL NUMBER OF OBSERVATIONS: 732

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GLOBAL CLÍPATOLOGY BRANCH ÁIR LEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS.

STATION-NUMBER: 724686 STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 78-87 MONTH: APR HOURS(LST): 0900-1100 VISIBILITY IN STATUTE MILES CE IL ING GÉ 1/4 ECE I GE: ĠÉ ĠE GE GE: 3/4 GE. GE 5/16 3 E 0 5 ž 2 1/2 2. 1 1/2. 1 174 5/8 172 MO~CE16 1: 68.2 68.3 68.3 66.3 68.3 68.3 68.3 68.3 68.3 68.3º 68.3 68.3 68.3 68.3 68.3 68.3 74.3 74.3 74.8 79.8 74.8-75.3 74.8 75.3 74.8 75.3 74.8 75.3 74 .8 75 .3 74.8 75.3 74.8 75.3 74.8 75.3 74.8 75.3 74.8° 74 .8 75 .3 GF TREBEL 74.7 74.8 74.8 163001 75:2 75.3 GE 75.3 75.3 140001: 75.6 7.5 : 7 75.7 75 : 7 75.7 ·68 120001 76.8 77.0 77:0 77.9 77.0 77:0 77.0 77:0 77:C 77.0 77.0 77.0 77.0 77.0 77.Ó 77.0 80.3 80.6 GÉ Lecool 79.9 80.3 80.3 50:3 8043 80.3 8013 80.3 80.3 8Ó.3 89.3 80.3 80:3 80.3 80.3 90001 8Q.3 GE. 80.6 80.6 80.6 80.6 80.6 80.6 81.4 89.6 80.6 81.4 80.6 80.6 80.6 80.6 80.6 80.6 ĠΕ 1 00008 81.0 81.4 81.4 61.4 GE 70001 81.2 81.6 61.6 61.6 81.6 81.6 81.6 81.6 81.6 81.6 81.6 81.6 81.6 81.6 81.6 81.6 60001-8215 82.9 82.9 82.9 82.9 62.9 82.9 82.9 82.9 82.9 82.9 82.9 32.9 82.9 82.9 82.9 5000]-GE 83.9 84.3 84.3 84.3 84.3 84:3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 4500 84.5 4000 88.8 85.2 89.5 ĜË 85.2 89.5 85.2 85 · 2 89 · 6 85.2 85.2 85.2 85.2 85.2 85.2 85.2 85.2 85.2 85.2 85.2 GΕ 89.5 89.6 69.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6 GE 35001 89.2 29.9 89:9 89.9 99.0 20. B 90.0 90.0 90.0 90.0 90.0 90.0 90.0 93.0 90.0 98:0 30001 90.9 92.2 9148 91.8 92.2 92. 2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 68 91.4 92.5 92.6 10035 92.3 93.0 93. G 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0 93.1 93.4 93.6 ĢE 2700| 91.9 1800| 92.1 92.9 93.4 93.6 93.8 93.8 94.0 93.8 93.8 93.8 93.9 93.5 93.9 93.9 93.9 93.9 93.9 94.0 94.2 94.2 94.2 94.2 94.2 94.2 94.7 15001 92.2 94.5 94.5 94.5 94.5 95 • 8 GF 12001 92.5 94.n 94.7 95.1 95.5 95.5 95.6 95.6 95.6 95.8 95.8 95.8 95.8 95.8 95 48 10001 92.6 9001 92.7 95.6 95.7 GE 10001 94.2 94.8 95.2 95.6 95.7 95.7 95.7 96.0 96.0 96.0 96.0 96.0 96.0 96.0 GE 94.3 94.9 95.3 95.8 96.4 96.4 97.7 96.4 97.7 95.7 95.8 95.8 96.4 96.4 96.4 96 .4 SE 1009 92.9 94.8 95.5 96.0 96.6 96.6 96.8 96.9 96.9 97.7 97.7 97.7 97.7 GE GE 95.6 98.3 70CI 93.0 94.9 96.4 97.0 97.0 97.3 97.4 97.4 98.3 98.3 98.3 98.3 98.3 98.3 6001 93.0 94.9 97.1 96.4 97.1 97.4 97.5 97.7 98.6 98.6 98.6 98.6 98.6 98.6 98.7 5001 93.0 75.1 95.7 GE 96.5 97.3 97.3 97.7 97.8 98.1 99:1 99.2 99.2 99.4 99.0 99.1 99.1 4001 93.0 3001 93.0 2601 93.0 95.1 95.7 96.5 97.3 97.7 97.9 98.2 99.1 97.2 99.2 99.5 99.5 99.6 99.4

TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR KEÁTHÉB SERVICE/MÁC PERCENTAGÉ FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

			• • • • • • • •
VISIBILITY GE GE		GE	GE
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	•••••	•••••	
55.6, 55.6	55.6 5	55.6	55.6
65.5 65.5	6545 6	65.5	65.5
65.9 65.9	65.9 6	65.9	65.9
66.4 66.4	66.4 6	66.4	66 •4
67.9 67.9	67.9 6	67.9	67.9
70.6 70.6	70.6 7	79.6	70 •6
72.8 72.8	72.8 7	72.8	72 •8
73.5 73.5	73.5 7	73.5	73.5
74.7 74.7	74.7 7	74.7	74.7
75.5 75.5		75.5	75.5
77.5 77.5	77.5 7	77.5	77.5
82.9 82.9	82.9 8	82.9	82.9
84.2 84.2		84.2	84 •2
91.1 91.1		91.1	91.1
92.4 92.4		92.4	92-4
95.3 95.3	95.3 9	95.3	95.3
96.5 96.5		96.5	96.5
97.4 97.4		97.4	97.4
97.5 97.5		97.5	97.5
97.8 97.8		97.8	97 •8
98.3 98.3	98.3 9	98.3	98 • 3
98.3 98.3	98.3 9	98.3	98.3
98.4 98.4		98.4	96 •0
98.4 98.4		98.4	98.4
98.6 98.7		98.7	98.7
98.6 98.8	98.8 9	98+8	99 •0
98.6 98.8		99.1	99.2
98.6 98.8		99.1	99 •2
98.6 98.8		99.1	99.2
98.6 98.8		99.2	99.3
98.6 98.8	99.9 10	99.5	100.0
		00 5	100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO																	
												HONTH	: APR	HOURS	(LST):	1500-17	00
		• • • • • •	• • • • • • • • •	• • • • • •	,	• • • • •	• • • • • • • •						• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	<b></b>
	ILING	cc	GE.	cc	°GE	GE	GE			IN STATI				٠.			
	in   Eet	- GE 16	ປະ	GE 5	VE 4		2 1/2	GE	ĢE	GE	GE .	GE	GE	GŁ	GE	GE	GE
			-	-					1 1/2		1	3/4	5/8	172	5/16	1/4	0
••	•••••	,	• • • • • • •	•••••	•••••	• • • • •	• • • • • • •	• • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	
NÓ	CEIL I	46,€	46.4	46.6	-46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GΈ	200001	55.8	56.2	56.4	56 • 4	56.4	56.4	56.4	56.4	56.4-	56 • 4	56.4	56.4	56.4	56.4	56.4	56.4
GE	180001	56.1	56.5	56.Ť	56.7	56.7	56.7	56.7	56.7	56.7	56 • 7	56.7	56 • 7	56.7	56.7	56.7	56.7
GE	160001	56.7	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
ĠE	149931	55.6	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59:2	59.2	59.2
GE	122081	63.1	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
			•														
	100001		67.8	6.7.9	67.9	67.9		67.9	-67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
ĢE		68.1	68.5	68.7.	68.7	68.7		68.7	68.7	68.7	68.7	68.7	68.7	68.7	68 • 7	68.7	68.7
ĞĘ	80001		73.4	70.7	70.7	70.7		70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE	78001		71.4	71.7	71.7	71.7		71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE	6003 l	73.9	74.4.	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	747
EΕ	SÈ00 Ì	82.6	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE	45001		86.7	87.1	'87.1	87.1		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
6E	40001		91.2	91.7	93.8	91.8		91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.6	91.8	91.8
ĞΕ	35001		93.3	93.9	94.1	94.3		94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
33	30001		94.7	95.5	95.8	95.9		96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96 •2
	55561	, 2 , .		,,,,		,,,,,	,,,,,	,,,,,	,,,,,	,,,,	,0.2	7012	70.2	70 . 2	70.2	70.2	70 42
GΕ	25001	94.C	95.3	96.2	96.9	97.4	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.3	97.8	97.8	97.8
GΕ	20981	9416	96.2	97.1	97.8	98.2	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
ĢΕ	1800[		96.2	97.1	97.8	98.2	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.9
GE	15001		96.3	97.2	98.0	98.5	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99 •1
GE	10001	94.6	96.3	97.2	96.2	98.8	98.5	99.1	994.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99 •4
GE	10001	4.40	96.5	97.4	98.4	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6
GE		94.9	96.8	97.7		99.3		99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
SE		94.9	96.8	97.7	98.7	99.3		99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
GΕ		94.9	76.8	97.7		99.3		99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
GE		95.0	96.9	97.8	98.8	99.4		99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
٠.	450,	7.210	,,,,	,,,,	70.0	,,,,	-74.4	7741	7747	77.7	7767	77.7	77.7	77.7	77.7	100+0	100.0
GE		95.0	96.9	97.8	98.8	99.4		99.7	99.9	99.9	79.9	99.9	99.9	99.9	99.9	100.0	100.0
GΕ		95.0	96.9	97.8	5.89	99.4	79.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE		95.0	96.9	97.8	98.8	99.4		99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE		. 95.0	96.9	97:8		99,4		99.7	99.9	99.9	9919	99.9	99.9	99.9	99.9	100.0	100.0
GĘ	1531	95.0	96.9	97.8	96.6	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
6E	91	95.0	96.9	97.8	98.8	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
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GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

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AIR GEATHER SERVICE/MAC

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STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 78-87 MONTH: APR POURS(LST): 1800-2000 CE IL'ING VISIBILITY IN STATUTE HILES GF S GE 10 1 GE GE 2 1 1/2 GE GE 5/16 GE 1/4 TR GE. GE GE GE GE GE 1/2 FEET 4 3 2 1/2 ō 6 1 1/4 3/4 1 5/8 NO CEIL 1. 57.4 58.9 58.9 58.9 58.9 58.9 58.9 58.9 58.9 58.9 58.9 58.9 58.9 58.9 58.9 58.9 GE 20000| 63.6 65.1 65.1 65.1 65.1 65.1 65.1 65.1 65.1 65.1 65.1 65.1 65 .- 1 65 - 1 65.1 65.1 180001 63.6 65.1 65.1 65.1 65.1 65.1 65.1 65.1 65.1 65.1 65.1 65.1 65.1 65-1 65.1 65.1 160001 63.6 142001 64.3 65.1 65.i 66.1 65.1 65.1 65.1 65.1 66.1 65.1 65 .1 66 .1 GE 65.1 65.1 65.1 65.1 65.1 65.1 65.1 GE 66.1 66.1 66.1 66.1 66.1 66.1 66.1 120001 66.3 68.1 68.1 68.1 68.1 68.1 68.1 68.1 68.1 68 .1 68.1 66 100001 70.8 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 9000| 71.8 8000| 74.1 7000| 74.3 GE GE 74.6 74.6 77.3 74.6 74.6 77.3 74.6 77.3 74.6 77.3 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 77.3 77.3 77.3 77.3 77.3 77.3 77.3 77.3 GE 69001 76.1 79.3 79.3 79.3 79.3 79.3 79.3 79.3 79.3 79.3 79.3 79.3 79.3 50001 81.8 85.8 86.0 86.0 86.0 86.0 86 .C 86.0 86.0 96.0 86.0 86.0 86.0 86.0 86.8 86.0 45001 83.3 87.8 87.8 91.0 87.8 91.0 GF 87.5 87.8 87.8 87.8 87.8 87.8 87.8 87.8 87.8 87.8 87.8 87.8 űΕ 4CCS| 86.5 91.0 90.8 91.0 91.0 91.0 91.0 91.0 91.6 91.0 91.3 91.0 91.0 91.0 GF 35001 87.0 91.8 92.3 92.3 92.5 92.5 92.5 92.5 92.5 92.5

92.5 92.5 92.5 92.5 GE 30001 68.8 94.8 95.0 94.3 95.0 95.0 95.0 95.0 95.0 95.0 94.8 95.0 95.0 95.0 95.0 95.0 25001-89.3 95.5 95.5 95.8 95.8 96.3 GF 94.8 96.3 96.3 96:3 96.3 96.3 96.3 96.3 96.3 96.3 GΕ 2001 87.5 95.3 96.0 96 . 3 96.5 97.0 97.0 97.3 97.0 97.0 97.0 97.0 97.0 97.0 97.0 96.5 96.8 97.3 96.8 ٥E 18801 89.5 95.5 96.3 96.5 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 15001 89.8 95.8 96.8 97.0 97.5 98.0 GE 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.5 98.0 98.5 98.5 98.5 98.5 98.5 98 •5 GE. 10001 87.8 96.0 97.0 97.3 97.8 98.0 99.0 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 9.00 89.8 96.0 97.0 97.0 97.3 97.3 97.8 97.8 99.0 99.0 99.5 79.5 99.5 99.5 99.5 99.5 99.5 99.8 99.5 98.0 19.5 GE 99.5 98.0 99.5 99.5 99.8 99.8 99.8 99.8 99.8 7001 89.8 97.0 98.0 99.5 99.8 99.8 99.8 99 •8 99.8 99.8 GE 6001 69.8 96.0 97.3 97.3 97.8 98.0 99.0 99.5 99.5 99.9 99.8 99.8 99.8 99.8 99.8 GE 5031 87.8 96.3 97.0 97.3 97.8 98.0 99.0 99.5 99.5 99.5 99.8 99.8 100.0 100.0 100.0 1G0.0 UE UE 4001 89.8 96.0 96.0 97.0 97.0 97.3 97.3 97.8 97.8 98.0 98.0 99.0 99.0 99.5 99.5 99.5 99.5 99.8 6.69 8.69 100.0 100.0 100.0 100.0 99.8 99.8 3001 59.€ 99.5 99.5 100.0 100.0 100.0 100.0 2001 37.8 96.0 97.0 97.3 97.8 98.0 99.0 99.5 99.5 99.5 99.8 100.0 100.0 100.0 100.0 GΕ 1001 89.8 76.0 97.0 97.3 97.8 98.0 99.0 99.5 99.5 99.5 99.8 99.8 100.0 100.0 100.0 100.0

99.5

97.5

99.5

79.8

99.8

100.0

190.9

100.0

100.0

TOTAL NUMBER OF OBSERVATIONS: 401

96.0

97.0

97.3

97.8

98.0

99.0

31.89.8

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF ÉCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
HONTF: APR HOURS(LST): 2100-2300 STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

CEÎLING VISIBILITY IN STATUTE HILES																	
		G£	GE	GĒ	GE	GE	GE	GE	GE	GE GE	GE TIL	es SE	GE	GÉ	GE	GE	GΕ
	EET I		ն <u>ե</u> 6	υε 5	٥ <u>.</u> 4				1 1/2		υε _1	3/4	5/8	1/2	5/16	1/4	0.
	• • • • • • •		• • • • • •	_					1 1/2	1 1/4		3/4	3/0	1/2	3/16	1/4	
• • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •						•••••		• • • • • • • •			
110	CEIL 1	67.3	·69·5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
	-4.4 ,	•	• • • • • • • • • • • • • • • • • • • •						• • • • •	• • • •		• • • •		• • • • •		• • • • •	
GÉ	200001	68.8	71.9	71.9	71.3	71.0	71.G	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE	180001	68.8	71.0	71.3	71.0	71.0	71.0	71.0	71.0	71.0	71.C	71.0	71.G	71.0	71.0	71.0	71.0
Gξ	160001	68.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.C	71.9	71.0	71.0	71.0	71.0	71.0
68	140001	69.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GΕ	120001	71.0	73.2	7.3 .2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
	100001		78.5	78.5	78.5	78.5	76.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE	90001		30.4	80.4	-80 • 4	60.4	80•4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE			33.5	83.5	63.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
	70001		83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83+8	83.8	83.8	83.8	83.8	83.8	83.8
30	60001	79.4	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
	coost	c > 5	20.0				20.0							22.0			88 •8
UE GE	5000  4500		8.86	88.8	8.88	8.83	8.83	88.8	83.8	88.8	88.88	88.8	88.8	8 . 86	88.8	8.88	
GE			89.1 90.7	89.1 90.7	89•1 90•7	89.1 99.7	59•1 90•7	89.1 90.7	89•1 90•7	89.1 90.7	89.1 90.7	89.1 90.7	89.1 90.7	89•1 90•7	89.1 93.7	89•1 90•7	89 •1 90 •7
υĘ	3500[		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE	30001		93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
O.C.	300)	05.1	73.3	73.3	73.3	73.5	73.5	73.5	73.3	73.5	43.0	73.5	73.5	73.3	73.5	73.3	73.0
GE	25 30	87.5	96.0	96.0	96.0	96.0	96.C	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96 •6
GE	20001		96.3	96.3	76.3	96.3	96.3	96.9	96.9	96.9		96.9	96.9	96.9	96.9	96.9	96 • 9
J.E	16301		96.3	96.3	96.3	96.3	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
SE	15001		96.9	96.9	96.9	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	12001	88.5	96.9	96.9	96.9	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
	•																
Ğξ	10001	89.1	97.5	97.5	97.5	97.5	97.5	98.4	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
ŰĔ		89.1	97.5	97.5	97.5	97.5	97.5	98.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ		89.1	97.5	97.5	97.5	97.5	97.5	98.4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		89.1	97.5	97.5	97.5	97.5	97.5	98.4	98.8	98.8	100.0	100.0		100.0	100.0	100.0	100.0
GE	640	89.1	97.5	97.5	97.5	97.5	97.5	98.4	98.8	98.8	100.0	100.0	100.0	190.9	100.0	100.0	100.0
GE		89.1	97.5	97.5	97.5	97.5	97.5	98.4	98.8	98.8	100.0		100.C		100.0	100.0	100.0
GE		89.1	97.5	97.5	97.5	97.5	97.5	98 • 4	98.8	98.8	100.0		100.0	109.0	1.00.0	100.0	100.0
39		89.1	97.5	97.5	97.5	97.5	97.5	98 • 4	98+8	98.8	100.0				100.0	130.0	100.0
GΕ		89.1	97.5	97.5	97.5	97.5	97.5	98.4	98.8	98 • 8	100.C	100.0			100.0	100.0	100.0
GΕ	1001	89.1	97.5	97.5	97.5	97.5	97.5	98 • 4	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
65	. 1	89.1	97.5	97.5	97.5	97.5	07 5	00 4			100 0	100 0	100 0	100 0	100 0	100 0	100.0
uz	41	07.1	41.5	A 1 + 2	41.5	91.5	97.5	98.4	98.8	98.8	100.6	100.0	100.0	100.3	100.0	100.0	100 10

GLOBAL CLIMATCLOGY BRANCH ATR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724682 STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 78-87 MONTH: APR HOURS (LST): CE IL ING VISIBILITY IN STATUTE MILES GE GE 3 2 1/2 E GE 2 1 1/2 GΕ GE GĚ GΕ 1 GE G£ GÉ GΕ 3 0 IN | FEET | GΕ 1 17.4 5/16 5 1 ັລ 6 4 3/4 5/8 1/2 1/4 59.8 59.9 59.9 59.8 59.8 59.8 59.8 59.8 59.9 1:0 CEIL | 59.1 57.7 59.8 59.8 59.8 59.8 59.8 66.9 67.2 67.7 67.0 66:9 67.0 67.0 GE 200001 66.1 66.7 66.8 66.8 66.8 66.9 66.9 66.9 56.9 66.9 66.9 67.2 67.7 67.2 67.7 67.2 67.7 67.2 67.7 68.7 67.2 67.7 67.2 67.7 67.2 67.7 67.2 67.3 67.8 67.3 67.8 67.3 67.1 67.1 67.1 GE 180001 66.4 160001 66.9 67.5 67.5 67.6 67.8 68.8 68.8 68.7 68.7 66.8 68.8 68.8 68.8 68.8 GF 142001 67.9 68.6 68.6 68.6 68.7 68.7 GE 120001 70.3 71.1 71.2 71.2 71.2 71.2 71.2 71.2 71.0 71.1 71.1 71.1 71.2 GE 100001 73.6 74.6 74.7 74.7 74.7 74.8 74.8 74.8 9000| 74.4 8009| 76.0 75.4 77.3 75.4 75.5 77.4 75.5 77.4 75.5 77.4 75.5 77.4 75.5 77.4 75.5 77.4 75.5 75.5 75.5 77.5 75.5 77.5 75 •6 77 •5 75.3 75.4 77.4 77.3 77.2 GE 70001 77.7 77.8 77.9 77.9 77.9 77.9 77.9 77.9 77.9 77.9 77.9 78.0 78.0 78.0 79.7 79.7 79.6 GE 60001 78.2 79.4 79.5 79.5 79.5 .79.6 79.6 79.6 79.6 79.6 79.6 ?9.6 84 .0 83.9 83.9 84.0 84.G 84.0 84.0 84.0 84.0 84.0 GE 50001 82.3 23.7 83.9 93.9 84.0 84.0 35.1 85.3 89.5 85.4 89.5 45001 85.3 89.3 85.3 85.4 85.4 85.4 85.4 89.6 85.4 89.6 85.4 89.6 85.4 89.6 63.5 85.4 85.4 6E 40001 87.4 35001 88.3 89.6 GE 89.5 89.5 89.5 89.6 89.6 90.9 90.3 90.6 90.6 90.8 90.8 90.9 90.9 90.9 90.9 90.9 90.9 90.9 90.9 90.9 GE 92.4 92.7 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 93.0 G£ 92.8 25001 93.6 93.8 94.1 94.1 94.3 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.5 GE 95.2 95.2 95.5 2000| 91.3 1800| 91.4 93.8 94.0 94.2 94.5 94.8 94.9 95.1 94.9 95.2 95.1 95.4 95.2 95.4 95.2 95.2 95.5 95.2 95.5 95.2 95.5 95.3 GΕ 95.3 GE 95.4 95.5 95.5 95.6 GE 15001 91.6 94.3 94.9 95.2 95.5 95.6 95.8 95.8 95.8 95.9 95.9 95.9 95.9 95.9 96.0 96.0 95.7 95.3 96.1 96.5 96.5 96.6 96.6 96.6 96.6 96 •7 12001 91.8 96.2 96.5 96.6 GΕ 94.6 GE GE 95.5 95.7 10001 91.9 95.9 96.1 96.3 96.5 96.8 96.9 97.C 97.0 97.0 97.0 97.0 97.1 94.8 96.4 96.9 97.C 97.1 97.4 97.1 97.3 97.6 97.4 97.1 97.4 97.4 97.7 97.4 97.7 97.4 97.8 97.5 97.8 9601 92.0 96.6 97.4 GE 8001 92.9 95.0 95.8 96.2 96.7 96.8 97.7 92.1 95.1 96.9 98.1 98 •2 GE 7001 6001 92.1 95.2 95.9 96.5 97.0 97.3 97.6 97.9 97.9 98.3 98.4 98.4 98.4 98.4 98.4 98.5 97.2 98.8 99.0 6E SOLL 92.1 95.2 96.0 96.6 97.4 97.8 98.1 98.1 98.6 98.7 98.7 98.8 98.9 97.2 97.9 99.0 99.1 99.1 92.1 96.0 98.9 99.1 97.5 96.2 98.3 GE 4001 95.2 96.6 98.2 98.3 98.7 98.9 99.5 ĞΕ 3001 92.1 95.2 96.6 97.6 98.0 98.8 99.1 99.2 99.4 99.3 99.4 99.5 ЬĒ 2001 92.1 95.2 96.0 96.6 97.3 97.6 98.0 98.3 98.4 98.9 99.1 99.1 99.4 99.2 99.8 108.0 98.0 υE 1391 96.0 96.6 97.3 99.2 99.4 99.5 99.8 100.0 GE 01 92.1 96.0 97.6 98.0 98.3 98.4

TOTAL NUMBER OF ORSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM POURLY OBSERVATIONS

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ATR WEATHER SERVICETHAC

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: HOURS(LST): 0960-1100 HONTH: APR WIND SPEED IN KNOTS 22-27 TOTAL MEAN 17-21 28-33 34-40 41-47 48-55 GE 56 DIRECTION 1 1-3 7-10 11-16 4-6 (DEGREES) GNIW 3.1 14.5 15.1 .6 .6 K 1.4 1.0 2.3 3.4 3.6 7.4 KNE . 8 . 9 1.0 . 9 4.5 . 9 4.2 NE 1.8 1.2 . 3 ENE . 9 2.1 1.4 . 1 4.5 5.5 Ε 1.7 4.7 5.1 4.5 5.5 ESE 1.4 1.7 1.0 . 4 10.5 6.4 2.7 1.4 SE 1.8 4.5 7.6 SSE 2.2 4.2 5.3 2.9 14.5 S 1.0 2.9 3.2 2.6 . 3 • 3 10.3 8.4 รรฉ 1.7 . 3 3.4 11.3 SW . 5 1.3 • 3 1.3 4.4 11.0 •6 1.0 3.0 10.3 RSX . 5 .8 . 1 .1 4 . 1 . 9 1.0 . 4 . 1 2.6 12.5 7.6 1.3 RNA . 4 . 1 NX . 3 . 1 1.0 7.9 HNY VARIABLE **PJ43** 9.7 111111 100.0 8.2 TOTALS 5.5

TOTAL NUMBER OF OBSERVATIONS: 776

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GLOBÂL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM POURLY OBSERVATIONS

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LSI): 1200-1400 STATION NUMBER: 724680 STALLON NAME: FI CARSON/BUTTS AAF CO

GIRECTION 1 (DEGREES)	1-3	4-6	7-10	11-16	17-21	ND SPEED 22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN Wind
	••••••• •	1.2	2.5	2.3	2.9	2.9	1.2	•••••	• • • • • • • •	• • • • • • • •	• • • • • • •	13.4	16.6
) 1 340	• 3	• 7	1.0	1.4	•5	_						3.9	10.4
HE ]	• 4		.7	. 3	·.1							2.2	6.9
ENL !	• 3	1.0	•1	.1								1.6	5.7
£	1.3	1.6	2.9	. 3								6.0	6.2
ESE	• 7-	2 • 2	2.5	. 8								6.1	6.9
SE I	. 4	2.9	4 • C	2.1	•1							9.5	8.2
SSE I	1.4	4.3	5.9	3.9	.4	•1						16.1	8 • 6
s	1.0	1:3	4.7	5.1	•5	•1						12.8	10 • 3
55 A		.4	.8	3.5	.8	•3						5.7	13.5
Sw I	•3	•\$	2.3	1.2	• 8							5.1	10.7
KS#	• 3	• 1	1.2	1.7	•9	. 1						4.3	12.7
w	• 5	.7	• 4	1.0	• 7	• 4	• 1					3.8	12.6
นหน		• 3	•7	• 4	•1		. 1		•1			1.7	15.C
82	• 1	• 8	•4	. 4	•1	•1						2.0	9.4
gun j	• 3	• 3	• 9	• 3	.7	•5	• 1					3.0	14 - 1
VARIABLE	• • • • • • • • •	• • • • • • •	•••••	• • • • • • • • •	• • • • • •	•••••	•••••	•••••	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	•••••
CALH .	,,,,,,,,,	1111111	1111111	11111111	7/////	11111111	(11)11)	1111111	///////	(1171111	,,,,,,,	2.7	/////
TOTALS 1	7,7	18.9	36.9	24.8	8.6	4.6	1.6		.1			100.0	10.4

TOTAL NUMBER OF ORSERVATIONS:

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GLOBAL CLIPATOLOGY BRANCH USAFCTAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM POURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

MONTH: APR HOURS(LST): 1500-1700

78-87

PERIOD OF RECORD:

TO THE PROPERTY OF THE PROPERT

		••••••	••••	•••••		.0 .0550	ÎN KNOTS	• • • • • •		• • • • • • • •	• • • • • • • •		•••••
BIPECTION (DEGREES)	1-3	4-6	7-16	11-16	17-21	22-27	28-33	34-46	41-47	48-55	GE 56	TOTAL	MEAN W1NO
N	. 7	. 4	3,2	4.5	3.2	2.6	•6	• • • • • •	•••••	• • • • • • •		15.4	15.8
nne	. 7	• 6	1.0	. 6	.3	•3						3.5	9.1
ne.	.4	• 9	.6	• 3								2.2	6.3
รุนย	• 6	. 4	1.0	. 3								2.3	7.3
ε	1.2	1.6	2.2	.1								5.1	5.9
LSE	• 1	1.5	2.0	1.3	.3							. 5.3	9 • 1
S£	1.2	• 6	3.7	2.3		•1						7.9	8.7
SSE	1.8	2.0	4.7	3.4								11.9	8.5
S	1.2	1.6	4.4	2 • 8	• 3	.1						10.4	9.3
55 <i>4</i>	.4	. 4	2.2	1.9	.7		. 1					5.9	11.C
S¥	• 3	.6	1.9	2.6	.4	.3						5.6	11 - 3
KSW	. 9	1.3	1.6	1.6	•6	.4						6.4	10-1
ů	.6	• 3	1.2	1.5	1.0	.9						5.4	12.9
NNK	. 3	• 1	• 4	. 3							. 1	1.3	13.7
หน	.1	• 6	• 1	. 7	•4	.1	. 1					2.3	13.1
titek		1.3	• 7	2.6	.9	•3			. 1			6.0	12.9
VARIABLE	; • • • • • • • • • • • • • • • • • • •	•••••	••••••	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	
CALM	<i>                                    </i>	////////	11111111	11111111	1111111	11/1////	11111111	///////	11111111	(1/////	////////	3.1	/////
TOTALS	10.5	14.3	31.0	26.4	8.2	5.3	.9		•1		•1	100.0	10.3

TOTAL NUMBER OF DESERVATIONS: 603

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GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM FOURLY OBSERVATIONS

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PERIOD OF RECORD: MONTH: APR HO STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO HOURS(LST): 1800-2000

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DIFECTION (DEGREES)		4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	46-55	GE 56	TGTAL 2	HEAN
13	i.c	5.3	3.0	5.0	1.5	1.7	.2	•••••	•••••	• • • • • • • •	• • • • • • •	17.5	11-1
HNE	.5	1.0	•5	1.0								3.0	7.8
NE	1.5	. \$	.7	. 2								3.0	5 • C
ENE				. 5								•5	13 • C
ε	.7	1.2	.7	٠5		•2						3.5	7.7
ÉSE	.5	• 7	1.0			1						2.2	6.2
SE	1.6	2.2	2.5									5.7	5.8
SSE	1.2	2.0	.7									4.0	4.7
S	2.2	2.2	1.2	. 5								6.2	5.3
SSW	2.6	3.5	.7	1.2	•2							7.7	6.4
SW	.2	1.0	1.0	• 2	•2	•2						3.0	9.1
พรม	3.5	1.7	1.2	. 2								6.7	4.7
u	2.0	3.2	3.2	.7	•5							9.7	6.9
KUR	1.0	1.7	1.7	1.0	•2							5.7	7.6
toh	.5	• 7	2.2	• 2								3.7	7.1
ដាម	1.7	1.7	2.5	1.2	•2							7.5	7.3
VARIABLE	i I	• • • • • • •	•••••	•••••	• • • • • • •		• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • • •	
CALH	///////////////////////////////////////	////////	11111111	/////////	///////	,,,,,,,,	11111111	1111111	///////	///////	,,,,,,,	10.2	111111
TOTALS	19.7	78.7	23.2	12.7	3.0	2.7	•2					100.0	6.6

GLOBAL CLIMATOLOGY BRANCH USAFETAC AÎR REATHER SERVIĈE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM POURLY OBSERVATIONS

C

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87 HOURS (LST,): 2100-2300

DIRECTION   (DEĞRCES)   N   NNE	1-3 2.8	4-6 5-3	7-10	11-16	wIn 17-21	0 SPEED 22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL	HEAN
Ī			4.4	•••••					3			3	WIND
nus l	• 3			3. 1	2.8	1.2	· · · · · · · · · · · · · · · · · · ·	• • • • • • •	. ,	• • • • • • • •	••••••	19.6	9.4
*****		• 9	.6	. 9								2.8	8.6
NE	•-3	.3		. 9								1.6	8 • 8
ENE	1.6		•6	. 3								2.5	5.5
Ε	1.2	• 3	•6									2+2	5.1
ESE	1 • 6	• 6	• 3	. 3								2.8	4.7
SE	. 9	. 9	• 6									2.5	4.9
SSE	1.9	2.5	• 9	• 3								5.6	5.0
s	2.5	2.2	1.2	• 3	• 3							6.5	5.7
ssu	1.2	1.2	•9									3.4	5 • 1
Su	1.6	2.5										4.0	3.6
KSW	1.9	3 • 7		• 3								5.9	4.6
h	1.6	. 9	3.1									5.6	5 . 8
หมห	1.2	1 • 2	٠.	. 3		•3						3.7	7.1
N#	1 • 2	1.6	2.8	. 6								6.2	6 • 8
nne	1 • 2	5 • 2	2.8	1.9	• 9			*				13.1	7 • 6
VARIABLE	•••••	• • • • • •	•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	
i					,,,,,,,	///////	111111111	///////	///////	(///////	,,,,,,,	11.8	111111
101ALS	27.1	39.5	19.6	9.3	4.0	1.6						100.0	6.0

CLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MÉATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

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4					WII	ND SPEED	IN.KNOTS						
IRECTION   DEGREES!	1-3	4-6	7-16	11-16	17-21	22-27	28-33	34-40	41-47	-48 <b>-</b> 55	GE 56	ŢOTAL	ME AN Uniu
И	2.3	3.2	3.3	3.7	2.5	1.9	.6	.2	• • • • • •	••••••		17.8	12.3
nne i	. 8	• 8	3.	8	•2	-1						3.4	7.9
яв.	. • 9	• 7	<b>.</b> 6	• 3	.9							2.5	5 • 5
ENE	. 7	۰.۰	6	• 2								2.3	5.7
L .	1.2~	1.2	1.4	: 2		.0						4.0	5 . 8
ESE	. 7	1.3	1.3	. 5	• 1							3.8	6.8
SE !	1.0	2 • 4	2.6	1.2	•0	•0						7.2	7.1
382	1.5	3.1	3.6	2.1	•1	•9						10.5	7.7
s !	1.3	2.0	2.9	2.3	• 3	•1						8.9	8 • 5
22%	6	.9	1.0	1.6	•4	•1	. 3					4.7	9.5
SW I	. 6	. 9	1.1	• 9	44	•2						4.1	9.7
พรพ	. 9	1.0	,•9	1.0	• 3	•1		.0				4.3	9.6
2	. 7	. 9	1.1	• 6	•5	•3	.0					4.2	9.8
RNN	• 6	. 6	•5	. 4	•1	•0	• 0		.0	)	• 9	2 • 2	8 . 8
100	• 5	1.0	.8	• 4	•1	•1	٠,0					3.0	7.9
Mir	1.4	2.7	2.3	1.3	•7	.4			• 0	)		8.9	8.8
VARIABLE	• • • • • • • • •	• • • • • •	•••••	•••••		••••••	•••••	• • • • • • •	• • • • • •	•••••	•••••	• • • • • • • •	••••
CALP .	,,,,,,,,,,	1111111	11/1/1/1	11111111	1111111	1111111	,,,,,,,,	,,,,,,,	1111111	,,,,,,,	,,,,,,,,	7.9	/////
101ALS	15.7	23.6	24.8	17.8	5.7	3.4	.7	• 3	.1		•0	100.0	8.2

GLOBAL CLIMATOLOGY BRANCH USAFETAC AÍR WÉATHER SÉRVICE/HAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

PERTOD OF RECORD: 78-87

HOURS (LST): 0300-0500

MONTH: MAY

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STATION NUMBER: 724680 STATION NAME: FT CARSONYBUTTS AAF CO

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NISTRIFITY IN STATUTE HILES CE TE ING E GE 2 1 1/2 GE GE GΈ ďΕ GE GE IN -GE 6 GE GΕ GE 1 1/4 FEETS 1 5 3 2 1/2 1 3/4 5/8 172 5/16 .1/4 0 10 NO CEIL | 59.9 60.4 6014 60.4 60.4 60.4 60.4 60.4 60.4 60.4 60.4 69:4 69.4 60.4 6014 60.4 65.1 65.6 65.1 65.6 65.1 65.6 65.1 65.6 65.1 65.6 65.1 65.1 65.1 65.1 65.1 65.1 230001 64.6 65.6 GE 180001 65.1 GE 166601 65.1 65.6-66.5 69.3 66.5 69.3 66.5 69.3 140001 66.0 66.5 66.5 66.5 66.5 66.5 66.5 66.5 66.5 66.5 66.5 69.3 69.3 69.3 GE 120001 69.59 6963 69.3 69.3 69.3 69.3 69.3 69.3 69.3 69.3 190001- 6913 69:8 71.2 69.8 71.2 69.è 69.8 71.2 69.8 71.2 69.8 71.2 69.8 71.2 69.8 71.2 69.8 71.2 69.8 71.2 69.8 71.2 69.8 71.2 69.8 71.2 69.8 69..8 71.2 39 65 90001 70.6 80001 72.2 72.6 74.5 72.6 74.5 72.6 74.5 72.6 74.5 72.6 74.5 72.6 74.5 72.6 74.5 Gξ 72.6 72.6 72.6 72.6 72:6 72.6 72.6 72:6 74.5 74.5 74.5 GE 78601 74:1 74.5 74.5 74.5 74.5 74.5 75.9 75.9 75.9 75.9 ÜĘ 62091: 75.8 75.9 75.9 75.9 75:9 75.9 75.9 GΕ 5000| 75.9 4500| 77.4 4000| 63.7 76.9 76.9 76.9 76.9 76.9 76.9 76.9 76.9 76 •9 76:9 76.9 76.9 76.9

34.4 84.4 65 30001 83.5 84.4 84:4 84.4 84.4 84.4 84.4 84.4 84.4 84:4 84.4 84 .4 Œ 25001 85.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 88.7 86.8 88.7 86.8 86.8 88.7 86.8 88.7 86.8 86.8 GF 20001 87.3 18001 87.7 88.7 88.7 88.7 88.7 .28.7 88.7 88.7 88.7 88.7 88.7 88.7 89.2 89.6 89.2 89.6 GΕ 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.6 89.6 GF 15001 88.2 89.6 89.6 89.6 89.4 89.6 89.6 89.6 89.6 89.6 89.6 89.6 GE 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 99.6 9G •6 12001-89.2 90.6 90.6 90.6 90.6 1/2001 -89.2 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 GE 90.6 90.6 90.6 90.6 90.6 90.6 GΕ 9301 89.2 90.6 90.6 90.6 90.6 76.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 92.5 92.5 92.9 ĞΕ 8001 89:2 91.5 92.0 92.5 92.5 92.5 92.5 92.5 92.5

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TOTAL NUMBER OF OBSERVATIONS: 212

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

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STATICH NUMBER: 72468C STATION NAME: FT CARSON/BU	ITS AAF CO	PERIOD OF RECORD:	78-87
		HONTH: HAY HOU	RS(LST): 0600-0800
CE IL ING	VISIBILITY IN STATUTE MIL		
IN	GE GE GE GE 2 1 1/2 1 1/4 1	GE GE GE 3/4 5/8 1/	
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	,		• • • • • • • • • • • • • • • • • • • •
NO CEIL   69.8 61.1 61.1 61.1 61.1 61.1	61.1 61.1 61.1 61.1	61.1 61.1 61.	1 61.1 61.1 61.1
			- 4444
GE 20000 65.9 66.2 66.2 66.2 66.2	66.2 66.2 66.2 66.2	66.2 66.2 .66.	2 66.2 66.2 66.2
GE 18C00  66.2 66.5 66.5 66.5 66.5	66.5 66.5 66.5 66.5	66.5 66.5 66.	5 66.5 66.5 66.5
GE 16980 66.4 66.6 66.6 66.6 66.6	66.6 66.6 66.6	66.6 (6.6 66.	<u>-</u>
GE 140001 67.2 67.4 67.4 67.4 67.4 67.4	67.4 67.4 67.4 67.4	67.4 67.4 67.	
GE 120001 70.8 71.1 71.1 71.1 71.1 71.1	71.1 71.1 71.1 71.1	71.1 74.1 71.	1 71.1 71.1 71.1
GE 10000 73.1 73.4 73.4 73.4 73.4 73.4	73.4 73.4 73.9 73.4	73.4 73.4 73.	4 73.4 73.4 73.4
GE 96001 73.5 73.8 73.8 73.8 73.8 73.8	73.8 73.8 73.8 73.8	73.8 73.8 73.	
GE 80001 75.3 75.6 75.6 75.6 75.6 75.6	75.6 75.6 75.6 75.6	75.6 75.6 75.	
GE 70001 76.7 76.9 76.9 76.9 76.9 76.9	76.9 76.9 76.9 76.9	76.9 76.9 76.	
GE -6000  77.5, 77.7 77.7 77.7 77.7 77.7	77.7 77.7 77.7 77.7	77.7 77.7 77.	
GE 500G  79.2 79.6 79.6 79.6 79.6 79.6	79.6 79.6 79.6 79.6	79.6 79.6 79.	6 79.6 79.6 79.6
GE 4500 80.3 80.7 80.9 80.9 80.9 80.9	80.9 83.9 80.9 80.9	80.9 80.9 80.	9 80.9 80.9 80.9
GE 4000 83.C 83.4 83.6 83.6 83.6	83.6 83.6 83.6 83.6	83.6 83.6 83.	6 83.6 83.6 83.6
GE 3500  84.3 84.8 84.9 64.9 84.9 84.9	84.9 84.9 84.9 84.9	84.9 84.9 84.	
GE 30001 85.8 86.4 86.7 86.7 86.7	86.7 86.7 86.7 86.7	86.7 86.7 86.	7 86.7 86.7 86.7
55 05m1 0/ 7 48 7 07 0 0 1 00 0 00 0			
GE 2500  86.7 87.7 87.9 88.2 88.2 88.2 GE 2000  87.0 89.0 89.4 89.7 89.7 89.7	88.2 88.2 88.2 88.2 89.7 89.7 89.7 89.7	88.2 88.2 88.	
GE 2000 87.0 89.0 89.4 89.7 89.7 89.7 GE 1800 87.4 89.6 90.0 90.2 90.2 90.2	89.7 89.7 89.7 89.7 90.2 90.2 90.2 90.2	89.7 89.7 89. 90.2 90.2 90.	
GE 1500 87.7 90.0 90.5 90.8 90.9 90.9	90.9 90.9 90.9 90.9	90.9 90.9 90.	
UE 1200  87.9 90.2 90.8 91.0 91.2 91.2	91.2 91.3 91.3 91.3	91.3 91.3 91.	
32 1230	7110 7110 7110	71.5 71.5 71.	3 71.5 71.5 71.0
GE 1001 88.2 90.8 91.5 91.9 92.3 92.3	92.3 92.4 92.4 92.4	92.4 92.4 92.	4 92.4 92.4 92.4
GE 9J0 88.6 91.2 91.9 92.3 92.7 92.7	92.8 92.9 92.9 92.9	92.9 92.9 93.	
GE 200 89.0 91.9 92.5 93.1 93.5 93.5	93.6 93.8 93.8 93.9	93.9 93.9 94.	2 94.2 94.2 94.2
GC 700  89.0 91.9 92.7 93.2 93.6 93.6	93.8 93.9 93.9 94.0	94.0 94.8 94.	3 94.3 94.3 94.3
GE 500  89.0 92.1 92.9 93.5 94.0 94.0	94.3 94.4 94.4 94.6	94.6 94.6 95.	0 95.0 95.0 95.0
GE 5501 89.9 92.5 93.4 94.0 95.0 95.0	95.3 95.4 95.4 95.5	95.7 95.7 96.	
GE 4501 89.0 92.8 94.0 94.7 95.8 95.9 GE 3001 89.0 93.1 94.4 95.5 96.6 96.7	96.2 96.3 96.3 96.9	97.2 97.2 97.	
The state of the s	97.2 97.4 97.4 98.1	98.4 98.4 98.	
GC 2001 89.0 93.1 94.4 95.8 96.9 97.6 GC 1001 89.0 93.1 94.4 95.8 96.9 97.0	97.4 97.7 97.7 98.4 97.4 97.7 97.7 98.4	98.6 98.6 99. 98.6 98.6 99.	
04 1081 0745 7344 7744 7340 7047 714U	7144 7141 7141 7044	75.0 70.0 99.	J 77+3 100+0 100+0
65 31 89.0 73.1 94.4 95.8 96.9 97.0	97.4 97.7 97.7 98.4	98.6 98.6 99.	5 99.5 100.0 100.0
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GLOBAL CLIMATOLÓGY BRANCH-USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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84 N

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 78-87 YAM : HTMOH HOURS (LST): 0900-1100 . . . . . . . . . . . CE IL-ING VISIBILITY IN STATUTE MILES In. Ŀ GΕ GΕ GE GE GE GE GE GΕ GE GE GE GΕ GE GΕ 1 1/2 1 174 FEET 10 5 3 2 1/2 2 3/4 5/8 1/2 5/16 ΩÌq -1 6 NO CEIL | 59.6 59.6 GC 200001 66.7 66.8 66.5 66.8 66•É 66.8 66.8 66.8 66.8 66.8 66.8 66.8 66.8 66 .8 66.8 66.8 18000| 8.63 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66 •9 66.9 66.9 66.9 66.9 66.9 66.9 GΕ 16300 66.8 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 140001 68.4 68.4 68•4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 GE 120301 70.2 70:3 70.3 70.3 70.3 70.3 70.3 70.3 79.3 70.3 70.3 70.3 70.3 70.3 70.3 70.3 100001 73.6 73,6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 9000| 73.9 6000| 76.2 74.0 76.5 74.3 76.5 74.C 76.5 74.0 76.5 74.G 76.5 74.3 76.5 74.0 76.5 6E 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74.0 76.5 GΕ 76.5 76.5 76.3 76.3 76.5 76.5 76 .5 76.6 70001 76.5 76.6 GE 60001 76.5 76.6 76.6 76.7 76.7 76.7 76.7 76.7 76.7 76.7 76.7 76.7 76.7 76.7 76.7 76.7 79.9 79.9 79.7 79.9 79.9 GF 55001 79.3 79.6 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 45001 80.7 GΕ 81.1 81.2 81.2 81.2 81.2 81.2 84.4 81.0 81.2 81.2 81.2 81.2 81.2 81.2 81.2 81.2 40001 83.7 84.1 84.4 84.4 84.2 84 . 4 £4.4 84.4 84.4 GΕ 35001 86.1 86.7 86.5 86.9 86.9 86.9 86.9 86.9 86.9 86.9 86.9 86.9 86.9 86.9 86.9 86.9 6E 3000| 87.9 89.1 89.3 89.4 0.95 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 65 25001 89.3 90.6 90.9 99.9 90.9 90.9 90.5 90.7 90.9 94.9 90.9 90.9 90.9 99.9 90.9 90.9 68 20001 89.9 91.4 91.3 91.7 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 16001 90.5 15001 92.2 GE 91.8 92.0 92.2 92.4 92.4 92.4 92.4 92.4 92.4 92.4 92.4 92.4 92.4 92.4 92.4 GE 93.6 93.7 94.1 94.0 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94 .1 12001 95.0 95.1 95.1 95.2 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 10001 75.4 96.2 96.5 96.6 96.6 96.7 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 GE 9681 93.9 95.5 96.3 96.7 96.9 96.9 97.0 97.3 97.3 97.3 97.3 97.3 97.4 97.4 97.6 97.4 97.4 97.0 97.6 8001 94.0 96.5 97.1 97.7 97.6 97.6 GE 95.6 96.9 97.0 97.4 97.4 97.4 97.4 97.4 97.6 98.0 95.9 97.6 98.U 98.1 GΕ 98.0 98.0 98.0 98.1 98.1 GE 6601 94.0 75.9 96.9 97.3 97.6 97.6 97.7 98.G 98.0 98.0 98.0 98.1 98.1 98.1 97.0 GF 5301 94.5 75.9 97.4 98.1 98.2 98.5 98.5 98.6 98.6 98.6 95.8 98.8 98.8 98.8 GΕ 4001 94.0 95.9 97.0 97.4 98.0 98.1 98.2 98.6 98.6 98.8 98.8 98.8 98.9 98.9 98.9 99.2 98.9 94.0 97.0 υE 3001 95.9 97.4 98.2 96.4 98.5 98.9 98.9 99.3 99.0 99.0 99.2 99.2 99.3 99.2 97.3 99.2 98.2 99.6 CF 200 i 04. F 95.9 97.4 98.5 96.9 99.2 99.5 99.5 GE 1601 94.0 95.9 97.0 97.4 98.4 98.5 98.6 99.0 99.0 99.3 99.3 99.3 99.6 99.6 99.7 100.0 GE 98.6 100.0 C1 94.C 75.9 97.0 97.4 98.4 98.5 99.0 99.0 99.3 99.3 99.3 99.6 99.6 99.7

TOTAL NUMBER OF ORSERVATIONS: 735

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER: 72468C STATION NAME: FT CAR								JTTŠ AA	F CO			PERIOD					
												HONTE	: MAY	FOURS	(LST): :	1200-14	00
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CEILIN										IN STATE						4	
18		GE		GE	GΕ	GE	GΕ	GΕ	GE	Gξ	GE	GE	GE	GE	GE	GΕ	GE
FEET			6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	9
				• • • • • •	• • • • • • • •	• • • • •	•••••		• • • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	
										_							
NO CET	IL I	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
			-					-									
GE 200			55.7	\$5.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
SE 183			56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56 •2
GE 10(			56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 140			58.6	58.6	58.6	58.6	58.6	58 • 6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58 •6
GE 120	100	61.3	61.3	61.3	51.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 100			65.3	65.3	65.3	65.3	65.3	65.3	65.3	05.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 90			65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65 • 4	65.4	65.4	65.4	65.4	65.4	65 •4
GE 80			66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66 • 7	66.7	66.7	66.7	66.7
		67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 60	100	69.3	69.4	69.4	69.4	69.4	69.4	69 • 4	69.4	69.4	69.4	69.4	69 • 4	69.4	69.4	69.4	69 •4
					70.0	70.0							<b>.</b> .				
		78.1	76.2	78.2	78.2	78.2	78.2	78 • 2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78 •2
		81.1	91.2	81.2	81.2	61.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	91.2	81.2	81.2
		66.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
		67.8	87.9	88.1	88.3	88.5	88.5	88.5	88.5	88.5	88 - 5	88.5	88 • 5	88.5	88.5	88.5	88.5
GE 30	100	39.8	90.4	99.8	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 25	net	91.4	91.9	02.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
		92.3	-	92.6 93.7	94.1	94.2					94.2	94.2				94.2	94.2
		92.3	93.0				94.2	94.2	94.2	94.2			94.2	94.2	94.2		
		93.3	93.0	93.7 94.7	94.1 95.1	94.2	94.2	94 • 2 95 • 6	94.2	94.2	94.2 95.7	94.2	94.2	94.2	94.2	94.2 95.7	94 •2
		93.4	94.0			95.9	95.5		95.7	95.7		95.7	95.7	95.7	95.7		95.7
UL 12	1 30	73.4	94.4	95.1	95.5	73.7	95.9	96.0	96.2	96.2	96.2	96.2	96 • 2	96.2	96.2	96.2	96 •2
6E 15	inal	93.7	94.8	95.6	96.0	96.4	96.4	96.7	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
		93.8	95.1	96.5	96.4	97.3	97.3	97.5	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
		94.5	95.2	96.2	96.7	97.5	97.5	97.8	98.1	98.1	78.1	98.1	98.1	98.2	98.2	98.2	98 •2
		94.1	95.3	96.3	96.8	97.8	97.8	98.1	98.6	98.6	98 • 6	98.5	98.6	98.8	98.8	98 • 8	98 •8
	•	94.1	95.3	96.3	96.8	97.8	97.8	98.2	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
0	.001	7-11	4343	70.5	70.0	71.0	7110	70 . 2	70.0	,0,0	40.0	75.0	70 1 6	70,7	70 . 7	70.9	70 17
6E 9	Seri	94.4	95.6	96.6	97.1	98.1	98.1	98.5	99.0	99.0	99.0	99.0	99.0	99.5	99.5	99.5	99.5
		94.4	75.6	96.7	27.4	98.4	98.4	98.8	99.3	99.3	29.3	99.3	99.3	99.7	99.7	99.7	99.7
		94.4	95.6	96.7	97.4	98.4	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
		94.4	95.6	96.7	97.4	98.4	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
		94.4	95.6	96.7	97.4	98.4	98.4	98 • 8	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.9	99.9
			.544		,,,,		7.7.	,,,,	,,,,			,,,,		,,,,,			• .
GE	01	94.4	95.6	96.7	97.4	98.4	96.4	98.8	09.3	99.3	99.3	99.3	99.3	99.7	99.7	99.9	100.0

GLOBAL CLIMATOLÓGY BRANCH ÚSAFETAC AÌR HEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY EROM HOURLY OBSERVATIONS

S,T /	ATION 1	.UMBER:	72468C	STATI	OR NAME:	FT	C ar son/bi	ITTS AA	AF CO			PER100	) OF REC	OPD: 78	8-87		
												HONTE	: MAY	HOURS	(LST):	-150 <b>0-</b> 17	
	icing		• • • • • • •	•• •••	•••••	• • • • •	• • • • • • • •			IN STATE			•••••	• • • • • • •	• • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •
		GE	33	GE.	GE	GE.	<b>GE</b>	GE.	GE	GE	GE	. C.S GE	GE	GE	GÉ	GE	GE
	ΕÌ		6	5	Ŭ., 4		2 1/2		1 1/2		1	3/4	578	1/2	5/16	1/4	0
			7-		• • • • • • • •						_	_					
	•		•	•													
NO	CEIL	35.8	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36 • G	36.0	36.0	36.0	36.0	36.0	36.0
	20000		49.8	49.8	49.8	49.8		49.8	49.8	49.8	49 • 8	40.8	49.8	49.8	49.8	49.8	49.8
	18206		50.1	50.1	50 • 1	50.1		59.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50-1
	16200		50.2	50.2	50.2	50.2		50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50 +2
	14003		52.9	52.9	52.9	52.9		52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52 •9
65	120001	. 56.7	56,7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
or.	10000	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE		63.7	63.8	63.8	63.8	63.8		63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
ĞΕ		66.0	66.2	66.2	66.2	66.2		66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
33		66.5	66.7	66.7	66.7	66.7		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66 • 7
30		79.6	75.7	79.7	70.7	70.7		70.7	70.7	70.7	70.7	70.7	70.7	76.7	76.7	70.7	70.7
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23		61.2	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE		82.9	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE/		87.3	87.8	88.1	88.1	88.1	86 • 1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	68 • 1
ĿΕ		88.6	89.5	95.0	90.0	90.0		90.0	90.9	99.0	90.0	90.9	90.0	90.0	90.0	90.0	90.0
GΕ	3000	91.7	92.8	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
6E	20001	92.0	93.6	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94 •2
66		92.6	94.4	94.8	94.8	95.0		95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
68		92.6	94.4	94.8	94.8	95.0		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
55		92.8	94.7	95.5	95.5	95.6	95.6	95.9	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
33	1200		94.7	95.6		96.1		96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
		-						• • • •						, , , , .			
GΕ		93.0	95.8	95.9	96.1	96.4	96.4	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE		93.8	95.1	96.2	96.6	96.9	96.9	97.2	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE		93.0	95.1	96.2	96.7	97.0		97.3	97.3	97.3	97.7	98.1	98 • 1	98 • 1	98.1	98.1	98 •1
<sub>የ</sub> ር		93.0	95.1	96.2	96.7	97.0		97.3	97.3	97.3	97.7	98.1	98 • 1	98.1	98 • 1	98.1	98 •1
33	600	93.1	95.3	96.4	96.9	97.2	97.2	97.5	97.5	97.5	97.8	98.3	98 • 3	98.3	98.3	98.3	98.3
33	coci	93.4	95.6	96.7	97.2	97.5	97.5	97.8	97.8	97.8	98.1	98.6	98.6	98.6	98.6	98.6	98.6
GE		93.4	96.1	97.7	98.1	98.4	98.4	98.9	98.9	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7
ĞĒ.		93.4	96.1	97.7	98.1	98.6	96.6	59.1	99.2	99.2	99.5	100.0	100.0	100.0	103.0	100.0	100.0
GE		93.4	96.1	97.7	98 • 1	98.6	28.6	99.1	99.2	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0
6E		93.4	76.1	97.7	98 • 1	98.6	98.6	99.1	99.2	99.2	79.5	100.0		100.0	100.0	100.0	100.0
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GE	91	93.4	96.1	97.7	98 . 1	98.6	76.6	99.1	99.2	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0
• • •	• • • • •	• • • • •	• • • • • • • •	• • • • •	• • • • • • • •			• • • • •					• • • • • • •			• • • • • •	• • • • • • • • • •

TOTAL NUMBER OF OBSERVATIONS: 639

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WLATHER SERVICE/MAC

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PERCENTAGE FREGUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 78-87 MONTH: HAY HOURS(LST): 1800-2060 . . . . . . . . . . VISIBILITY IN STATUTE MILES CEILING IN | GC FEET | IQ GE 5 GE GE GE GE 2 1 1/2 1 1/4 GΕ GE ĞÉ GΕ GΕ GE . 6 4 3 2 1/2 1 3/4 5 78 1/4 0 1/2 5/16 NO CEIL 1-41.8 42.3 42.3 42.3 42.3 42.3 42.3 42.3 42.3 42.3 42.3 42.3 42.3 42.3 42.3 42.3 GF 200001, \$1.6 52.4 52.4 52.4 52.4 52.4 52.4 52.4 52.4 52.4 52.4 52.4 52.4 52.4 52.4 52.4 GC 1800GI- 53-2 53.9 55.4 53.9 55.4 53.9 53.9 53.9 53.9 53.9 53.9 53.9 53.9 53.9 53.9 55.4 53.9 55.4 53.9 55.4 53.9 GE 160001 54.7 GE 140001 56.7 55.4 55.4 55.4 55.4 55.4 55.4 55.4 55.4 57.7 55.4 57.7 57:7 57.7 57.7 57.7 57.7 57.7 57.7 57.7 57.7 57.7 57.7 57.7 57.7 GE 120001 60.8 61.8 51.8 61.8 61.8 61.8 61.8 61.8 61.8 8.10 61.8 61.8 61.8 61.8 61.8 61.8 67.3 6E 10000 66.1 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 90001 67.1 84001-69.4 GE 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68 . 4 68.4 68.4 68.4 68.4 68.4 GE 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 GE 70001 69.5 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 GE 60001 74.2 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 GE 50001 80.0 22.3 82.3 82.5 82.5 82.5 82.5 85.3 82.5 82.5 82.5 82.5 82.5 82.5 92.5 82.5 82.5 ĞΕ 45901 82.3 85.3 34.6 84.6 84.8 84.8 84.8 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3 GE 40001 84.8 87.3 87.3 87.6 87.6 87.6 88.1 88.1 88.1 98 • 1 88.1 88.1 88.1 88.1 88.1 88 -1 65 35301 86.8 89.6 89.6 89.3 89.9 89.9 90.4 93.4 90.4 90.4 90.4 90.4 90.4 98.4 90.4 90.4 92.4 3000| 89.1 92.7 ĠΕ 92.4 92.9 92.9 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 GE 25301 89.4 92.9 92.9 93.2 93.4 93.4 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.7 93.7 94.7 Ģε 2500| 90.1 94.7 94.7 94.7 94.7 94.2 94.2 94.7 94.7 94.7 94.7 95.4 GE 18001 90.1 93.7 93.7 93.9 94.2 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 15001 90.4 94.4 94.9 95.4 95.4 GE 94.4 94.7 94.9 95.4 95.4 95.4 95.4 95.4 95.4 95.4 94.4 94.9 GE 10001 90.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95 .4 95.4 10001 99.9 GE 94.9 94.9 95.2 95.4 96.2 96.2 96.2 96.2 95.4 96.2 96.2 96.2 96.2 96.2 96.2 900 91.6 95.7 95.7 96.2 97.0 97.0 97.0 97 • C 97.0 97.0 97.0 97.0 96.2 97.0 95.7 95.7 97.0 97.5 97.0 GE. 8501 91.6 95.7 95.9 96.2 96.2 97.0 97.0 97.0 97.0 97.0 97.0 97.0 7001 91.6 95.9 ĠΕ 95.7 96.2 97.3 96.2 97.0 97.0 97.5 97.5 97.5 97.5 97.5 97.5 6001 91.9 98.2 GΕ 5001 91.9 96.2 96.2 96.7 97.0 97.0 97.7 97.7 97.7 98.2 98.5 98.5 98.5 98.5 98.5 98.5 4001 91.9 96.7 99.7 96.2 98.0 98.7 98.7 98.7 99•2 99.7 3001 91.9 96.2 96.7 99.2 99.5 99.7 130.0 GF 97.5 99.0 98.0 98.7 98.7 98.7 99.7 99.7 99.7 99.7 2001 91.9 96.7 98.2 100.0 97.5 98.2 100.0 100.0 GΕ 96.2 99.0 99.0 99.3 100.0 100.0 1301 91.9 98.2 99. D 99.5 100.0 100.0 100.0 100.0 100.0 GE 01 91.9 96.2 98.2 100.0 98.2 99.0 99.0 99.0 99.5 100.0 100.0 100.0 100.0 100.0

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GEO3AL CLIMATOLOGY BRANCH-, USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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	ILING		• • • • • • • •		•••••	• • • • •	• • • • • • • •			IN STAT					******	• • • • • •	•••••	••
F.	IN	6E 10	GE 6	GE 5	GE 4		CF 2 1/2	GE Z	GE 1 1/2	GE 1-1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE O	
oú	-ccil	•	6043:	60.3	60 ; 3.	60,3		63.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	
GE GE	200001 160001 160001	65:6	66.5 67.9 68.8 69.2	66.5 67.9 68.8 69.2	66.5 67.9 68.8 69.2	66.5 67.7 68.8	58.8	66.5 67.9 68.8	66.5 67.9 68.8	66.5 67.9 68.8	66.5 67.9 68.8	66.5 67.9 69.8	66.5 67.9 68.8	66.5 67.9 68.8	66.5 67.9 68.8	66.5 67.9 68.8	66.5 67.9 68.8	
	120001		73.7	73.7		69.2 73.7		73.7	69•2 73•7	69.2 73.7	69.2 73.7	69.2 73.7	69.2 73.7	69 • 2 73 • 7	69.2 73.7	69•2 73•7	69 •2 73 •7	
30 6E 6E 6E 6E	75áo l		77.7 77.7 79.0 79.5 82.6	77.7 77.7 79.0 79.5 82.6	77.7 77.7 79.8 79.5 82.6	77.7 77.7 79.0 79.5 82.6	79.5	77.7 77.7 79.0 79.5 82.6	77.7 77.7 79.0 79.5 82.6	77.7 77.7 79.0 79.5 82.6	77.7 77.7 79.6 79.5 82.6	77.7 77.7 79.0 79.5 82.6	77.7 71.7 79.0 79.5 82.6	77.7 77.7 79.0 79.5 82.6	77.7 77.7 79.0 79.5 82.6	77.7 77.7 79.0 79.5 82.6	77.7 77.7 79.0 79.5 82.6	
6E 6E 6E	50001 45001 40001		87.1 87.9 90.6 92.0	87.1 87.9 90.6 92.0	87.1 87.9 90.6 92.0	87.1 87.9 90.6 92.0	87.1 87.9 90.6	87.1 87.9 90.6 92.0	87.1 87.9 90.6 92.0	87.1 87.9 90.6 92.0	27.1 97.9 90.6	87.1 87.9 90.6 92.0	87.1 87.9 90.6	87.1 87.9 90.6	87.1 87.9 90.6	87.1 87.9 90.6	87 •1 87 •9 90 •6	
GΕ	300Ò I	87.9	94.2	94.2	94.2	94.2		94.2	94.2	94.2	92 • G 94 • 2	94.2	92.0 94.2	92.0 94.2	92.0 94.2	92.D 94.2	92 •0 94 •2	
6E 6E 6E 6E	2500   1800	87.9 87.9 87.9 87.9	94.6 94.6 94.6 95.1 95.5	94.6 94.6 94.6 95.1 95.5	94.6 94.6 94.6 95.1 95.5	94.6 94.6 94.6 95.1 95.5	94.6 94.6 94.6 95.1 95.5	94.6 94.6 94.6 95.1 95.5	94.6 94.6 94.6 95.1 95.5	94.6 94.6 94.6 95.1 95.5	94.6 94.6 95.1 95.5	94.6 94.6 94.6 95.1 95.5	94.6 94.6 94.6 95.1 95.5	94.6 94.6 94.6 95.1 95.5	94.6 94.6 94.6 95.1 95.5	94.6 94.6 94.6 95.1 95.5	94.6 94.6 94.6 95.1 95.5	
GE GE 38	1860   966	68.6 69.3 89.7	96.3 96.4 96.9	96.0 96.4 96.9	96.0 96.9 97.8	96.0 96.9 97.8	96 • G 96 • 9 97 • 8	96.0 96.9 97.8	96 .0 96 .9 97 .8									
38 66	7001 6601	89.7 89.7	96.9	96.9 96.9	97.8 98.2	97.8 98.2	97.8 98.2	97.8 98.2	97.8 98.2	97.8 98.2	98.2 98.7	98.2 98.7	98.2 98.7	98.2 98.7	98.2 98.7	98.2 98.7	98 •2 98 •7	
6E 6E 6E	4001 3001 2001	69.7 89.7 89.7 89.7	96.9 96.9 96.9	96.9 97.3 97.3 97.3	98.7	98.2 98.7 98.7 99.1	98.2 98.7 98.7 99.1	98 • 2 98 • 7 98 • 7 99 • 1	98.2 98.7 98.7 99.1	98.2 98.7 98.7 99.1	98.7 99.1 99.1 99.6	98.7 99.6 99.6 100.0	98.7 99.6 99.6 100.0	98.7 99.6 99.6 100.0	98.7 99.6 99.6 100.0	98.7 99.6 99.6 100.0	98.7 99.6 99.6 100.0	
6£		89.7 89.7	96.9 96.9	97.3 97.3	99.1 99.1	99.1 99.1	99+1 99+1	99+1 99+1	99.1	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATCLOGY BRANCH AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTIS AAF CO PERIOD OF RECORD: 78-87 MONTH: HAY HOURS (LST): ALL VISIBILITY IN STATUTE MILES CEILING GE GE GE 2 1 1/4 GE GE 3 72 1/2 -GE GΕ GΕ GΕ réer i ic 5 ٠, 5/8 1/2 5/16 0 6 1 3/4 1/4 NO CEIL | 50.5 50.7 50.7 50.7 50.7 50.7 50.7 50.7 50.7 50.7 50.7 50.7 50.7 50.7 50.7 50.7 59.8 GE 200001 59.5 59.8 59.8 59.8 59.8 59.8 59.8 59.8 59.8 59.8 60.4 60.4 68.7 69.4 60.4 60.7 63.4 60.4 63.4 60.4 60.7 60.4 60.4 180001 60.0 60.4 60.4 60.4 60.4 60 .4 60.7 160001 60.4 60.7 69.7 60.7 60.7 60.7 60.7 GE 62.4 62.4 140001 62.0 62.4 62.4 62.4 62.4 62.4 62.4 62.4 62.4 GE 120001 65.1 65.5 65.5 65.5 65.5 65.5 65.5 65.5 65.5 65.5 65.5 65.5 65.5 65.5 65.5 65.5 69.5 70.0 69.5 70.0 GΕ 100001 66.9 69.5 69.5 69.5 69.5 69.5 69.5 69.5 69.5 69.5 69.5 69.5 69.5 69.5 GE 90001 69.4 70.0 7C.0 70.0 70: 0 70.0 70.0 70.0 70.C 70.0 70.0 70.0 70.0 70.0 GĘ -8300| 71.3 71.9 71.9 71.9 71.9 71.9 71.9 71.9 71.9 71.9 71.9 71.9 71.9 71.9 71.9 71.9 GE 72.5 79901 72.0 72.5 72.5 72.5 72.5 72.5 72.5 72.5 72.5 72.5 72.5 72.5 72.5 72.5 72.5 GE 50001 79.4 80.3 80.3 60.4 80.4 86.4 80.4 80.4 80.4 80.4 89.4 80.4 80.4 80.4 80.4 80.4 6E 6E 82.2 85.9 82.2 85.9 82.2 85.9 82.2 85.9 82.2 85.9 82·2 85·9 82 • 2 85 • 9 82.2 85.9 82.2 85.9 82.2 85.9 82.2 85.9 82.2 85.9 45601 81.2 82.0 82.1 82.2 4000 84.8 85.7 85.8 85.9 6E 35281 86.4 87.5 87.6 87.7 87.5 87. R 87.8 87.8 87.8 87.8 87.8 87.8 87.8 87.8 87.8 87.8 GΕ 30001 88.4 90.1 93.2 90.3 90.4 90.4 90.4 90.4 90.4 90.4 96.3 90.4 90.4 90.4 90.4 GE 91.7 25001 89.4 91.0 91.3 91.5 91.6 91.6 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 92.8 92.8 93.0 2000| 90.0 GΞ 72.6 92.7 92.7 92.8 93.0 GΕ 92.3 92.6 92.8 92.9 92.9 93.3 93.0 93.0 93.0 93.0 93.0 93.0 99.9 93.9 94.1 94.1 94.1 94.1 GE 12001 91.3 93.5 94.7 94,7 94.7 94.7 GE 10001 91.6 74.0 94.6 94.9 95.2 95.2 95.4 95.5 95.5 95.6 95.6 95.6 95.6 95.6 95.6 95.6 GE 9001 91.9 94.3 95.0 95.3 95.7 95.7 95.9 96.1 96.1 96.1 96.1 96.1 96.2 96.2 96.2 96.2 8001 92.0 94.6 95.3 96.1 96.3 96.5 96.6 96.6 96.6 96.8 96.1 6E 7681 92.0 94.6 95.4 95.9 96.3 96.3 96.5 96.7 96.7 96.9 97.0 97.3 97.0 97.3 97.1 97.1 97.1 97.1 75.0 97.7 GΕ 3001 95.8 97.G 97.0 97.3 97.5 97.5 97.8 97.8 98.0 98.0 98.0 98.0 96.3 98.6 99.1 GE GE 4001 92.2 95.2 95.2 96.2 96.3 96.8 97.0 97.5 97.8 98.1 98.5 98.1 98.5 98.7 99.1 98.9 99.3 98.9 99.3 98 •9 99 •4 97.6 97.9 98.4 98.9 99.3 97.9 98.3 98.9 6E 2001 99.8 92.2 35.2 96.3 97.1 98.0 98.0 98.7 99.6 160 92.2 95.2 96.3 97.1 98.0 98 - 1 98.4 98.7 98.7 99.1 99.3 99.3 99.7 99.7 99.9 100.0

TOTAL NUMBER OF OBSERVATIONS:

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GLÓBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

-							CAR SON / BI		•			PER10D MONTH				300-05	00
	LING	• • • • • •		• • • • • • •	•••••	• • • • •	• • • • • • • • •			IN STATE			• • • • • • • •	• • • • • • •	• • • • • • •		• • • • • • • • • • • •
-I FE	in I	GE 10	GE 6	GE 5	GE 4		GE 2 1/2	GE 5	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	Gξ 5/8	GE 1/2	GE 5/16	GE 1/4	G E O
•••		• • • • •		• • • • • •	•••••	• • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • • • • • • •
МО	CEIL 1	68.4	68.8	8.98	68.8	68.8	68 • 8	68.8	68•8	68.8	68.8	68.9	68.8	68.8	68.8	68.8	68.8
GΕ	200001	79.7	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE	160001	70.7	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
Gξ	160001	71.6	72.1	72.1	72 • 1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE	140001	- 73.Q	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
٥£	156001	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GΕ	100001	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE	90001		77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
ůΣ	โดยสล		79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GΕ	78001		79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE	60001		80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	89.5	83.5	80.5	80.5	80.5	80.5
,,,,,	SSADI	011 2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE GE	45001		87.0	87.0	87.0	87.0	87. Q	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE	40001		88.88	88.8	88.88	88.8	88.8	85.8	88.8	88.8	88.89	88.8	88.8	88.88	88.8	88.8	88.8
GE	35901		A9.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	87.8	89.8	89.8	89.8	89.8
33	3500		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
0.	30301	74.0	/	, · ·		,,,,,	71.0	71.00	,1.0	7	,,,,	71.0	71.0	,,,,,	,,,,,	71.0	7
GE	25 30 [	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
6E	20001	93.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94 • B	94.0	94.0	94.0	94.0
66	18001	93.5	94.0	94.3	94.0	94.0	94.0	94.0	94.0	94.0	94.8	94.0	94 • G	94.3	94.0	94.0	94.0
GE	1530	93.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
G٢	12001	93.5	94.9	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GF.	10001	94.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	06.3	96.3	96.3	96.3	96.3	96.3	96.3
GE		94.4	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE	8301	94.4	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE	7001	94.9	96.7	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE	6901	94.9	96.7	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
65	cani	94.9	96.7	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE		94.9	96.7	97.2	97.2	97.7	97.7	97.7	97.7	97.7	98.1	98 • 1	98.1	98 - 1	98.1	98.1	98.1
66		94.9	96.7	97.2	97.2	97.7	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98 • 1	98.1	98.1	98.6
30		94.9	96.7	97.2	97.2	97.7	97.7	97.7	97.7	97.7	98.1	98.1	96.1	28.1	98.6	98.6	99 •1
GE		94.9	96.7	97.2	97.2	97.7	97.7	97.7	97.1	97.7	98.1	98.6	98.6	98.6	99.1	99.5	100.0
GE.		94.0	26.7	97.2	97.2	97.7	97.7	97.7	97.7	97.7	98.1	98.6	98.6	98.6	99.1	99.5	100.0
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TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 HONTH: JUN FOURS(LST): 0600-0800 STATION NUMBER: 724680 STATION-NAME: FT CARSON/BUTTS AAF CO

	LING	• • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •		VISI		IN STATE			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
	ú j		GE	3D	GE	GΕ		GE	GE	GE	GĘ	GE	GE	GE	GΕ	GE.	GE
	E		6	5	4	3	2 1/2		1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
•••	• • • • • •	•••••	• • • • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	
V0	CEIL	69.3	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE	205991	73.8	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE	160001	73.4	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	70.9	74.0	74.0	74.8	74.C	74.0
	168631		74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
	140001		75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE	120001	77.4	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GΕ	100001	79.7	80.1	80.2	80.5	80.5	80.5	86.5	80.5	80.5	80.5	89.5	80.5	80.5	80.5	80.5	80.5
GE	90001		31.1	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GΕ	80001		82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GΕ	70001		8.58	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GΕ	63001	82.9	83.6	83.8	84.1	84.1	84.1	84.1	84.1	84.1	54 • 1	84.1	84.1	84 • 1	94.1	84.1	84.1
GΕ	50001		35.0	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
68	45001		86.5	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE	46001		88.7	89.0	89 • 4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89 •5
GΕ	10038		70.0	90.3	90.7	90.8	90.8	90.8	99.8	90.8	90.8	99.8	90.8	90.8	90.8	90.8	90.8
ĿΣ	30001	90+8	91.7	92.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92 •6
Ŀξ	25 00 1		92.6	92.9	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
30	20001		93.1	93.4	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GC.	18001		93.1	93.4	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GΣ	15001		93.8	94.0	94.6	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95 •0
Gε	12001	93.0	94.4	94.7	95 • 3	95.5	95•5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
6E	10001	93.1	95.8	95.2	95.9	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
G٣		93.3	95.1	95.6	96.2	96.5	96.5	96 .8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GΕ	8001	93.3	95.1	95.6	96.2	96.6	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GΕ	7601	93.3	95.1	95.7	96.4	96.8	96 • 8	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
ĠΕ	6361	93.5	95.3	96.0	96.6	97.0	97.0	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
60		93.5	95.3	96.3	96.6	97.3	97.3	97.8	97.9	97.9	98.1	98.1	98 • 1	98 • 2	98.2	98.2	98 •2
30		93.5	75.5	96.1	96.9	97.7	97.7	98.3	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98 •8
GE		93.5	95.5	96.1	96 • 9	97.8	97.8	98.4	98.7	98.7	99.4	99.4	99.4	99.5	99.5	99.6	99 •6
ĿΕ		93.5	95.5	96.1	96.9	97.8	97.8	99.4	98.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	99.7
υE	1691	93.5	95.5	96.1	96.9	97.8	97.8	98.4	98.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	99 •7
36	91	93.5	95.5	96.1	96.9	97.8	97.8	98 • 4	98.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	100 •0
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TOTAL NUMBER OF ORSERVATIONS:

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GLOBAL CLIMATCLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VICIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 78-87 MONTH: JUN POURS(LST): 0900-1100 . . . . . . . . . . . . CEILING VISIBILITY IN STATUTE MILES IN | GE FEET | 10 GF 6E 2 GE 1 1/2 GΕ GE GE GF GE GΕ GE GE 1 1/4 3 2 1/2 5/8 5/16 1/4 5 3/4 1/2 6 71.4 71.4 RO CEIL | 71.4 71.4 76.6 76.6 76.6 76.6 76.6 GE 200001 76.3 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76 . 6 18C30 77.1 16CGC 77.2 77.4 77.5 79.8 77.4 77.5 77.4 77.4 77.4 77.4 77.4 77.5 77.4 77.5 77.4 77.5 77.4 77.5 77.4 77.4 77.4 77.4 GE 77.4 GE GE 77.5 79.8 77.5 77.5 77.5 77.5 79.8 140001 79.6 79.8 79.8 79.8 80.7 80.7 20.7 80.7 80.7 80.7 89.7 80.7 80.7 80.7 80.7 80.7 80.7 83.3 83.3 83.3 83.3 83.3 83.3 83.3 100001 82.8 83.3 83.3 83.3 83.3 83.3 83.3 ьE 90001 82.9 80001 83.4 83.4 94.0 83.4 83.4 84.0 83.4 84.0 83.4 84.0 83.4 84.0 83.4 84.0 83.4 84.0 83.4 83.4 83.4 83.4 83.4 83.4 83.4 84.5 84.0 84.0 84.0 84.0 GE 84.0 84.0 84.0 84.0 7000 83.4 84.0 84.0 84.0 84.0 84.0 84.0 GΕ 84.7 GE 60001 84.2 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 89.7 68 50001 86.0 96.5 86.7 86.7 86.8 86.8 86.8 86.8 86.3 96.8 86.8 86.8 86.8 + 5 . 8 86.8 86.8 88.5 88.5 GE GE 45001 87.7 40001 90.8 88.2 91.3 88.5 91.7 88.5 88.4 88.4 88.5 88.5 88.5 68.5 88.5 48.5 88.5 88.5 91.7 91.5 91.5 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 GΕ 35001 92.9 93.4 93.5 93.5 93.8 23.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 95.3 95.3 30001 94.0 95.3 95.3 GE 94.8 95.0 95.1 95.3 95.3 96.5 18035 39 6E 96.5 96.5 94.8 96.0 96.1 96.2 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.9 97.2 97.3 96.9 96.9 97.2 97.3 96.9 20001 95.1 96.4 96.5 96.9 97.2 97.3 96.9 96.9 96.9 96.9 96.9 96.6 96.9 96.9 18001 95.3 15001 95.3 96.6 96.8 96.9 97.0 97.2 97.3 97.2 97.2 97.3 97.2 97.2 97.3 GΕ 97.2 97.2 97.2 97.3 97.3 6E 97.5 97.5 GE 12001 99.5 97.5 97.7 97.8 98.1 98 • 1 98.1 98.1 98.1 1.39 98 - 1 98.1 98.1 98 .1 6 10001 95.7 98.1 900 95.7 900 95.7 97.7 97.8 97.9 98.1 98.3 98.3 96.7 98.3 98.7 98.3 98.3 98.3 98.3 98.3 98.7 98.3 98.7 98.3 98.7 98.3 98.7 98.1 98.2 98.7 98.7 98.7 GF 98.7 98.7

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TOTAL NUMBER OF OBSERVATIONS: 773

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PERCENTAGE FREQUENCY OF CCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

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STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 78-87 MONTH: JUN HOURS (LST): 1200-1400 VISIBILITY IN STATUTE HILES CEILING IN | GE GE FECT: | 10 6 GE GE GE GE GE GE 2 1 1/2 1 1/4 1 3/4 GE GE 5 GE 4 6E GE GΕ GF 5/8 1/4 1/2 5/16 ้อ NO CEIL 1 59.6 GE 200001 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 GE 160001 68.8 68.2 68.2 68.8 68.2 68.8 68.2 68.2 68.2 68.2 68.2 68.2 68.2 68.2 68.2 68.2 68.8 68.8 68.8 68.8 68.8 68.8 68.8 68.8 68.8 68.8 68.8 66 140001 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 .70 . 7 70.7 73.1 GE 120001 73.9 73.1 73.1 73.1 73. 1 73.1 73.1 73.1 73.1 73.1 73.1 73.1 73.1 CE 100001 74.8 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 90001 76.1 80001 77.4 70001 78.1 76.2 77.7 76.2 77.7 76.2 77.7 76.2 77.7 76.2 76.2 76.2 77.7 76.2 77.7 GΕ 76.2 76.2 76.2 76.2 76.2 76.2 76.2 77.7 77.7 77.7 77.7 77.7 77.7 77.7 77.7 77.7 78.3 65 78.3 78.3 78.3 78.3 78.3 78.3 78.3 78.3 78.3 78.3 78.3 78.3 78.3 78.3 60001 81.4 81.6 81.6 81.6 81.6 81.6 81.6 81.6 81.6 81.6 81.6 81.6 81.6 GΕ 50001 87.3 87.7 87.7 87.7 87.7 87.7 87.7 87.7 87.7 87.7 87.7 87.7 87.7 87.7 87.7 87.7 45J0| 89.0 4000| 93.6 89.4 94.0 89.4 94.1 89.4 89.4 94.1 89.4 94.1 89.4 94.1 89.4 94.1 89.4 94.1 GE 89.4 89.4 89.4 89.4 89.4 89.4 89.4 94.0 94.0 94.1 94.1 94.1 94.1 94.1 94.1 35 30 | 95.7 96.1 96.2 96.2 96.2 65 30001 96.5 96.9 96.9 96.9 97.0 97. D 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 GΕ 25031 97.2 97.6 97.6 97.8 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 2001 97.2 97.9 GΕ 98.3 98.2 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 GΕ 1830 97.6 98.3 98.4 98.6 98.7 98.7 98.7 98.7 υ£ 15001 97.8 98.4 98.6 98.7 98.8 98.8 98.8 98.8 98.8 98.8 99.8 98.8 98.8 98.8 98.8 98.8 99.0 99.0 1200 97.8 98.6 υE 98.7 98 · ã 99.0 99.0 99.8 99.0 99.0 99.0 99.0 99.0 99.0 GĘ 10001 98.2 99.0 99.3 99.3 99.1 99.2 99.3 79.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.6 99.6 99.6 9001 98.2 9001 98.2 99.2 99.5 99.5 99.6 99.6 99.6 99.1 99.6 99.6 99.6 99.6 99.6 GE 99.1 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 7001 98.2 99.6 99.6 99.6 99.6 99.6 99.6 GE 6601 98.2 99.1 99.2 99.5 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.9 GΕ 5301 98.2 99.1 99.2 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.7 4001 99.2 99.1 99.2 100.0 100.0 GF 190.0 100.C 100.0 100.0 100.0 100.0 100.0 120.0 100.0 100.0 100.0 GĘ 3501 98.2 99.1 99.2 99.7 100.0 100.0 160.0 190.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ь£ 2301 98.2 99.1 99.2 99.7 100.0 120.0 100.0 100.0 130.0 100.8 100.0 100.0 100.0 100.0 100.0 100.0 99.2 100.0 ٥E 1501 98.2 99.1 107.0 99.7 100.0 100.0 10C.C 190.0 198.0 100.0 100.0 109.0 100.0 100.0

99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 7

92.1

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR "FATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION MANE: FT CARSON/BUTTS AAF CO

		· -			: 3HAK NÕ							HONTH		HOURS	(LST):		00
	LING			•••••	• • • • • • • •	• • • • • •	••••••	121 V	BILITY	TN STAT		FC	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
FE	N I		GE.	GE 5	GE 4	38 3	GE 2 1/2	GΕ	GE 1 1/2	GΕ	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	G E O
• • • •	,	• • • • • •	• • • • • • • • •	•••••	•••••	• • • • • •	· <b> </b>	• • • • • • •	* * * * * * * *	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • •
110	CEIL 1	48,4	48.4	48.4	48.4	48.4	48.4	48 • Ğ	48.4	48.4	48.4	49.4	48.4	48.4	48.4	48.4	48.4
GE.	239000]	60.6	68.6	63.6	60.6	69.6	60.6	60.6	68.6	69.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
	186001		61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
	16590		61.4	61.4	61.4	61.4	61.4	61.4	61.4	-61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
	14000		63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GΕ	12030	66.5	66.5	66.5	66 • 5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GΕ	100001	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70 •5
GE,	99001		72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
6E	82001		72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72 •8
GE		73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE	60001	78.8	79.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.6	79:0	79.0	79.0	79.0	79.0	79 •0
GΕ	Scool	58.1	98.6	88.6	88 • 6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88 •6
30		90.3	90.9	90.9	90.9	90.9	90.9	90.9	93.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GΣ	4100		95.5	95.5	95 • \$	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95 •5
30		95.8	96.8	96.8	96 • 8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96 • 8	96 • 8	96.8	96.8	96 .8
GE	30001	96.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE		96.4	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GΕ		96.6	98.1	98.1	98 • 1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98 •5
GE		96.9	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98 • 8	98 • 8	98.8	98.8	98.8
GE,		97.1	98.8	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99 •4
GE	12001	97.1	98.8	96.9	98.9	99.2	99.2	54.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GΕ	10001	97.2	99.2	99.4	99.4	99.7	99.7	99.7	97.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	\$9.8
GΕ		97.2	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.3	99.8	99.8	99.8	99.8	99.8
6E		97.2	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100 •0
GE		97.2	99.4	99.5	99.5	99.8	99.8	99.8	190.0	190.0	100.0	109.0	100.0	100.0	100.0	100.0	100.0
េះ	6001	97.2	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0
39	Soci	97.2	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CF	4001	97.2	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0
GE	3001	97.2	99.4	99.5	99.5	99.8	99.8	99.8	190.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
ΘË		97.2	99.4	99.5	99.5	99.8	95.8	99.8	100.ŭ	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	1501	97.2	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
39	0	97.2	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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TOTAL NUMBER OF OBSERVATIONS:

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CLOBÂL CLIMATOLOGY BRANCH USAFETAC ALR WEATHER SERVICE/MAC RERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	IÀ AQLT	UMBER:	72468 C	STATI	ON NAME:	FT C	AR SON / 8	UTIS AA	F CO			PERIOD	OF REC	ORD: 78	-87		
	•				•							HONTH	: JUN	POURS	(LST):	1800-20	00
	L ING	• •,• • • •				•••••	••••••			IN STAT			••••••	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	••••
132		`GE	GΕ	• GE	G€	GF	GÈ	ĞE	GE	GE	GE	GE	-GE	GΕ	GΕ	GE	GE
ĖΕ			92.6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0.0
•••	.,	• • • • • •			•••••	,,,,,,,			,							•••••	
110	ו אושס	51.,3	51.5	51.5	51.5	51.5	51.5	51'•5	51.5	51-5	\$1.5	51.5	51.5	51.5	51.5	51.5	51.5
GE	100001	. 63.5	64.3	64.3	64.3	64.3	64.3	.64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
	180001		64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64 +5
	160001		55.3	65.3	65 • 3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
	146001		66.0	66.0	66.0	66.C	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.C	66.0	66.0	66.0
	120001		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
	- 4,					, , , ,							, 4				
GE.	100001	77.3	78.6	78.0	78.0	78.0	78.0	78.0	78. G	78.0	78.0	78.3	78.0	78.0	78.0	78.0	78.0
ĠΕ	90001	78.O	78.8	78.8	78.8	78.8	78 - 8	78.8	78.8	78.8	78.6	78.8	73.8	78.8	78.8	78.8	78.8
GE	80001	79.5	80.3	83.3	8G.3	89.3	80.3	-80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GΕ	70001	0.03	8.08	80.8	80.8	3.06	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE	6006	83.8	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
88	50001	88.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GΕ	45001	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GΕ	40801	94.8	96.0	96.0	96.0	96.0	96 • C	96.0	96∙0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE	35001	95.3	96.8	96.8	96.8	96.8	96.8	96 • 8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GΕ	30001	76.0	97.5	91.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	25/20		98.3	98.3	98 • 3	98.3	98 • 3	98 • 3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GΣ	20001		99.0	99.0	990	99.0	99.0	99.0	99.0	99.0	99.G	99 • B	99.0	99.0	99.0	99.0	99.0
GΕ	16051		99.0	99.3	99.0	99.6	99.0	99.0	79.U	99.0	99 • O	99.0	99.0	99.0	99.0	99.0	99 •0
GΕ	1500		99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99 •8
GE	12001	97.0	99.5	99.5	99•8	100.0	100.0	100.0	100.0	100.0	100+0	100.0	100.0	100.0	100.0	100.0	100.0
GF.	10001	97.0	99.5	99.5	99.8	100.0	100.0	100.0	130.6	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0
GE		97.0	99.5	99.5		100.0	190.0	100.0	100. U	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0
GË		97.9	99.5	99.5	99.8	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.6	79.5	99.5	99.8	100.0	100.3	100.0	100.0	100.0	100.0	100.3	100.0	100.0	100.0	160.0	100.0
GE		97.0	39.5	99.5		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
68	5001	27.0	99.5	99.5	99.8	100.0	100.0	100.0	190.0	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0
GĘ	4001	97.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	190.0	109.0	100.0	100.0	130.0	100.0	100.0
ĞΕ		97.C	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	106.0
GE		97.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	109.0	100.0	100.0	100.0	100.0	100.0
6E	1301	97.6	99.5	99.5	99.8	160.0	190.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE.	91	97.0	39.5	97.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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TOTAL NUMBER OF OBSCRIVATIONS: 480

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GLOBAL CLÍMATOLOGY BRANCH USAFETÁC AIR WEATHER SERVICE/HAC

STATION NUMBER: 724686 STATION MAKE: FT CARSON/BUTTS AAF CO

-PERCENTACE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY -FROM HOURLY OBSERVATIONS

PER100 OF RECORD: 78-87

111	3 <b>6</b>	.,			*****	•••••	• • • • • •	VISI	BILITY	IN-STAT	UTE MIL	.ES		• • • • • •	•••••		••••
IN		GE	GÉ	ĞÊ	GE				GÊ	3ã	GE	GE	Gξ	GE	GÉ	GE	GE
EET		10	6	\$	Ą		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	Ù
• • • •	Le 6 e i				•••••	* * * * * * *	** *** **	• • • • • •		• • • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •	••••••	•••••	
ĆŁI	it j	64.4	66.5	66.5	66.5	66.5	66.5	66 65	66•5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66 •5
		.75.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.43
		75.1	27.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
		7694	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
		76.8	79.0	79.0	79.0	79.0	79.0	79.0	79:0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
120	100	79.8	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	85.8	82.8	82.8	82.8	82.8	82.8	82.8
100	100	2.19	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
90	1001	81.5	841.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84 .5
		83. <i>i</i>	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86 .
70	iço i	83.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86 .7
60	:00·[-	86.3	59.3	89.3	.89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89 •
50	1001	8.88	91.8	918	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.8	91.8	91.8	91.8	91.
45	186	90.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
93	881	92.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95 .
		93.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.0
30	100	94-70	97.4	97.4	97 • 4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.
25	165	94.8	98:3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
20	100	95.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99 • 1	99.1	99.1	99.1	99.1	99.
18	100	95.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.
		95.3	99.1	99.6	99.6	99.6	59.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
12	1 លប	95.3	99.1	99.6	99.6	99.6	59.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
10	100	95.3	79.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
9	100	95.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		95.3	99.6	109.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		95.3	99.6	100.0	100.0	100.0	160.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.6	100.0	100.0
6	UOL	95.3	99.6	100.0	100.0	100.0	1 86. 6	100.0	100.0	100.0	100.0	100.0	100.0	100.9	100.0	100.0	100.0
٤	301	95.3	99.6	103.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		95.3	99.6	100.0	100.6	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		95.3	99.6	100.0	100.0	160.0	106.0	100.0	100.0	100.0	198.0	100.0	100.0	100.0	100.0	160.0	100.0
		95.3	99.6	100.0	1:00.0	100.0	1 00. 0	100+0	100.0	100.0	100.0	100.0	100.0	100.G	100.0	100.0	100.0
1	JOI	95.3	99.6	100.0	100.0	100.0	1 30. 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	ΩI	95.3	99.6	100.0	100.0	100.0	100.0	100.7	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 233

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GLOBAL CLIMATOLOGÝ BRANCH USAFETAC AIR HEATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUPBER:	72468C	11412	ON-NAME:	Fī	C AR SON/BL	JTTS AAF	CÒ			DOIR39 HINON	OF REC	DRD: 78- HOURS	-87 (LST):	ALL	
CEALING	• • • • • • •	•••••	*****	• • • •				IN STATE			• • • • • •	• • • • • •	• • • • • •	• • • • • •	••••
IN 1 GE	GE.	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GΕ	GΕ	GE	GE	GΕ
FEET   10	` 6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
************					• • • • • • • •	• • • • • • •		• • • • • • • •	• • • • •			• • • • • • •			• • • • • • • • • •
<b>-</b>															
NO CEIL   6210	62.2	62.3	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
											40.				
GE 200001 69.5	69.9	69.9	69.9	69.9		69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 160001 69.9	70.3	7/13-3	70 - 4	70.4		70.4	78.4	70.4	70.4	79.4	70.4	70.4	70.4	70.4	70 •4
GE 16000 70.4	70.8	70.8	70.9	70.9		70.9	70.9	70.9	70.9	79.9	70.9	70.9	70.9	70.9	70.9
GE 1470C  72.1	72.4	72.5	72.5	72.5		72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 120001 74.6	75.1	75.1	75.2	75.2	75.2	75 • 2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75 •2
GE 100001 77.4	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
UE 90001 78.3	78.8	78.9	78.9	78.9		78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
6E 80001 79.4	80.0	2.08		80.1		80.1	80.1	80.1	80.1	83.1	80.1	80.1	80.1	80.1	80.1
GE 70001 79.8	80.4	80.5	80.5	80.5		80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	8G •5
GE 6C001 82.3	82.9	83.0		83.0		83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.6	83.0	83.0
00 00001 0000	0247	03.0	.,,,,,		0544	0.7 * "	0310	03.0	43.0	03.0	03.0	00.0	VJ+0	0.510	03.0
GE 50001 86.6	87.3	87.4	87.4	87.5	27.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 45301 83.4	89.2	89.3	89 • 4	89.4		87.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 4000 91.8	92.7	92.7	92.8	92.9		92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 35031 93.3	94.2	94.2	94.3	94.4		94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 30001 94.3	95.3	95.4	95.5	95.6		95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95 •6
										•					
GE 25001 95.0	96.1	96.2	96 • 3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96 •5
6E 20001 95.3	96.6	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
60 18501 95.5	96.8	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500) 95.6	27.1	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 12001 95.7	77.4	97.5	97.7	97.9	97.9	98.0	98.0	98.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 12001 95.0	97.8	98.0	98 • 2	98.4	98+4	98.4	98.5	78.5	78.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900  96.0	97.9	98.2	98 • 4	98.6		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 802 96.0	98.0	98.2		98.8		98.8	98.8	98.8	78.9	98.9	98.9	98.9	98.9	98.9	98.9
GC 7001 96.1	98.0	98.3	98.6	98.9		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
ne engl 26.1	98.1	98,4	98 • 7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
an runt as a															
GC 5001 96.2	93.2	98.6		99.2		99.3	99.4	99.4	99.4	99.4	99.4	97.4	99.4	99.4	99 •4
66 4301 96.2	98.2	98.6	98 • 9	99.4		99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GC 3001 96.2	98.2	98.6	98.9	99.4		99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99 •8
6C 2001 96.2	78.2	98.6	78 • 9	99.4		99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99 •9
or 1001 3015	98.2	98.6	98.9	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99•8	99.8	99.9	99.9	99.9
66 91 96.2	98.2	98.6	96.9	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0
00 31 70+2	7412	,010	70 17	,,,4	7704					****			,,,,,		
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GLOBAL CLÍMATOLOGY BRANCH USAFETAC AIR NEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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EILI	NG	• • • • • •	•••••	• • • • • •	••••••	• • • • •	• • • • • • •	VISI	EILITY	IN STAT	UTE HIL	.ES	• • • • • • •	• • • • • • • •	• • . • • • •	*****	• • • • • • •
IŇ FEET	i	6E 10	GE 6	GE 5	GE 4		GE 2 1/2		GE 1, 1/2	GE 1 1/4		3/4			GE 5/16	GE 1/4	6 E 0
0 CE	11. 1	72.6	73.1	73.1	73 • 1	73.1		73.1	73.1	73.1	73. i	73.1	73.1	73.1	73 • 1.	73.1	73 -1
E 20	1000	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
18	1000	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
E 16	1000	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
14	1000	2.09	86.7	80.7	80.7	80.7	80.7	85.7	80.7	80.7	80.7	'80.7	80.7	80.7	86.7	80.7	20.7
: 12	1600	83.0	33.5	83.5	83.5	83.5	83.5	83.5	83.5	a3.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
10	1000	87.3	87.7	87.7	87 ÷ 7	87.7	87.7	87.7	87.7	67.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
` 9	1000	88.7	89.2	30.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
: 8	1000	89.6	90.1	90.1	90.1	98.1	9G. 1	90.1	90.1	90.1	90.1	90.1	90.1	90 • 1	90.1	90.1	90.1
7	1001	90.6	91.0	91.0	91.0	91.0		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.8
6	1000	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
: 51	1000	92.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
4:	1995	92.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
-4	เขอโ	93.4	94.3	94.3	94.3	94.3		94.3	94.3	94.3	94 - 3	94.3	94.3	94.3	94.3	94.3	94.3
: 3	100	93.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94 . 8	94.8	94.8	94.8	94.8	94.8	94.8
31	1000	93.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
29	100	93.9	74.8	94.8	94.8	94.8	94,8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.38
: 20	100	93.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
: 10	1005	93.9	94.8	94.8	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1 1	1006	93.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95 • 3	95.3	95.3	95.3	95.3
1	1003	93.9	95.3	95.8	95 • 6	95.8	95 • 8	95.8	95.8	95.8	95.8	95.8	95.8	95.5	95.8	95.8	95 •8
1 1	100	93.9	95.3	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
	1099	63.5	95.3	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
E 1	CCI	93.9	75.3	95.8	95.8	96.2	96 • 2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
		93.9	95.3	95.8	95 • 8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96 •2
. (	001	93.9	96.2	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
		93.9	96.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
		93.9	96.7	98.1	98.1	98.6	98.6	98.6	78.6	78.6	98.6	99.1	99.1	99.1	99.1	99.1	99 -1
		53.9	96.7	98.1	96.1	98.6	98.6	98.6	98.6	98.6	98.6	99.5	99.5	99.5	99.5	99.5	99 •5
		93.9	97.2	98.6	78.6	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0
: :	լըոլ	93.9	97.2	98 .6	98.6	99.1	99•1	99.1	99•1	99.1	99.1	195.9	100.0	100.0	100.0	100.0	100.0
:	21	93.9	97.2	98.6	98.6	99.1	99.1	59.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0

GUODAL CLIMATOLOGY BRÂNCH -USAFETÂC AIR-LEATHER SERVICE/MAC

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PERCENTÁGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

P. Carlot

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 78-87 MONTH: JUL HOURS (LST1: 0600-0800 VISIBILITY IN STATUTE MILES GE GE GE GE 2 1 1/2 1 1/4 1 CE IL ING | 66-| 16 GE GΕ GE GΕ III FEET GΕ GF GE 1 3/4 3 2 1/2 4 5 5/8 1/2 5/16 1/4 0 NO CETE | 77.5 77.6 77.6 77.6 77.6 77.6 77.6 77.6 77.6 82. i GE 20000| 81.3 81.8 82.0 82.1 82.1 82.1 82.1 82.1 82.1 82.1 82.1 82 •1 81.8 82.1 82.1 82.8 83.2 82.8 83.2 82.8 83.2 GE 180001 82.6 82.5 82.5 82.7 82.8 82.8 82.8 82.8 82.8 82.8 82.8 83.2 82.8 82 .8 8,3 . 2 GE 160901 82.4 82.9 82.9 83.1 83.2 83.2 83.2 83.2 83.2 83.2 83.2 14000| 63.6 84.4 84.4 84.1 84.3 84.4 GE 120001 85.9 86.7 86.7 86.7 86.7 86.7 86.7 86.7 86.7 86.7 88.5 88.8 88.8 88.8 88.8 88.8 88 •8 6F 100001 87.9 88.5 88.6 88.8 88.88 88.8 GE GE 90001 89.6 87001 93.9 90.2 91.7 90.4 90.4 91.9 90.4 91.9 90.4 91.9 90.4 91.9 90.4 91.9 90.4 91.9 90 .4 91 .9 96.1 93.1 98.4 90.4 90.4 90.4 91.9 91.6 91.9 91.9 91.6 91.9 73001 GF. 60001 92:3 93.0 93.G 93.1 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 GE 50001 93.5 93.6 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.9 94.2 45001 93.9 40001 93.2 93.6 93.9 93.6 93.9 93.8 94.0 93.9 94.2 93.9 94.2 93.9 94.2 93.9 94.2 93.9 94.2 93.9 94.2 93.9 94.2 93.9 94.2 GΕ 93.9 93.9 93.9 GE 94.2 .94.2 94.2 GE 35301 93.5 94.2 94.2 94.3 94.4 94.4 94.4 94.4 94.4 00.0 94.4 94.4 u . uc 94.4 94.4 94.4 30001 93.8 34.6 94.9 94.9 GΕ 94.6 94.7 94.9 94.9 94.9 94.9 94:9 94.9 94.9 94.9 94.9 სნ 68 95.4 95.8 95.4 95.8 25301 94.3 95.1 95.1 95.3 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 23001 94.6 95.4 95.8 95.8 95 .8 95.8 95.8 95.8 95.8 95.5 95.8 95.8 95.8 95.8 GΕ 18001 94.6 95.4 95.4 95.5 95.8 95.8 95.8 95.8 95 • 8 95.8 95.8 95.8 95.8 95.8 95 +8 6E 95.9 15001 94.7 95.8 95.5 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 12001 94.7 96.6 96.6 96.6 96.6 96 •6 96.1 76.2 96.3 96.6 96.6 96.6 96.6 96.6 96.6 96.6 10001 94.7 97.2 GE 96.2 96.5 97.2 97.2 97.2 96.6 96.9 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 9001 94.7 96.9 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 96.9 98 · 1 98 · 6 GE 8901 95.0 97.6 97.8 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.6 7001 95.0 98.4 99.6 98.6 98.6 98.6 98.6 98.6 GE 98.1 98.6 98.6 98.6 98 •6 6001 95.C 98.1 98.4 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98 .6 96.6 98.6 GΞ 5001 95.0 97.6 98.2 98.5 98.9 98.9 99.1 99.1 99.1 99.1 99.1 98.9 98.9 99.1 98.9 98.9 99.1 99.2 99.7 400 | 95.0 98.5 99.1 99.1 99.1 99.1 99.2 99.2 99.2 99.2 65 3001 95.0 97.6 98.2 98.5 99.1 99.1 79.1 99.1 99.2 99.2 99.6 99.6 99.6 GE 2001 99.7 99.7 99.7 95.0 97.6 98.2 98.5 97.1 99.1 99.1 99.1 99.1 99.3 97.1 1001 95.0 97.1 99.9 100.0 28.5

GLOBAL CLIMATOLÓGY BRANCH USARETAC AIR WEATHER SERVICE/MAC

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## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM POURLY OBSERVATIONS

\$1,	ATION N	เกษยะนะ	72468C	S 1 41,I	ON NAME:	FI	C AR SON / B	UTTŠ AAI	F CO			PERIOD MONTH	OF REC		-87 (LST1:	0900-11	00
	IL ING	• • • • •	• • • • • • • •	•••••	• • • • • • • •	• • • • •	• • • • • • • •			IN STAT			• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • • • • •
		- GE.	GΕ	GĒ	GE	GÉ	GE	GE	GE	GE	GE	GE	GE	GΕ	GE	GE	GE
		1Ġ	6	5	4	3		2			1	3/4	5/8	1/2	5/16	1/4	~ <u>~</u> 0
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110	CEIL	81.4	32.1	82·1	82.1	82.1	82.1	62.1	92.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	<b>82.1</b>
6E	230001	<b>85.9</b>	35.6	86.6	66.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	-86 •6
υĘ	180001	85.7	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE	160001	86.2	86.8	86.8	86.8	86.8	86.6	8.68	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GΕ	142001	£7:2	87.9	87.9	87.9	87.9	87.9	87-•9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE	120001	89.3	90.0	90.9	90.0	9Ö•0	96.0	90.0	90.0	90.0	90.0	99.9	90.0	90.0	90.0	90.0	90.0
GE	100001	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE	90001	92.4	93.1	93.1	93.1	93.1	93.1	97.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GΕ	scael	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GΕ	70001	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	.94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GΕ	60031	95.1	95.8	95.8	95.8	95.8	95 • 8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GΕ	50001	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE		96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GΕ		96.3	97.3	97.3	97.3	97.3		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE	35001	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
Gξ		96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	25001	96.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
ĞΕ		97.2	98.1	98.2	98 • 2	93.2	98.2	98 • 2	98 - 2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GF.		97.2	98.1	98.2	78.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE.		97.4	98.4	98.5	98.5	99.5	98.5	78 • 6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GΕ		97.8	98.8	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
65	teant	97.8	73.8	99.1	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GF		98.0	99.1	99.3	99.5	97.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		98.0	99.1	99.3	99.5	99.6	99.6	99 . 1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		99.0	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		98.0	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GΕ	5001	98.0	99.1	99.3	79.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
68		98.3	29.1	99.3	99.5	99.6	99.7		100.0	100.0	100.0			100.0	190.0	100.0	100.0
GΕ		98.3	99.1	99.3	99.5	97.6	99.7	99.9	100.0	106.9	190.0	100.0	100.0	180.0	100.0	100.0	106.0
5E		98.0	99.1	99.3	99.5	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	190.9	100.0	100.0	100.0
GE		98.0	79.1	99.3	99.5	97.6	99.7	99.9	100.0	100.0		193.9	100.0	100.0	100.0	100.0	100.0
GE	11	99.6	99.1	99.3	99.5	99.6	99.7	99.0	100.0	ian.n	ing.n	102.9	100.0	100.0	100.0	100.0	100.0
			7701	,,,,	77 + 2	77.5	77.1	77.7	100+0	100.0	100.0	10343	100.0				100.0
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TOTAL NUMBER OF OBSERVATIONS:

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO -PERIOD OF RECORD: 78-87 HONTH: JUL HOURS (LST): 1200-1400 - VISIPILITY IN STATUTE MILES CE IL ING ee 'ee' GE GE GE 2 1 1/2 1 1/4 THE 1 SE 3 2 1/2 5 6 3/4 5/8 1/2 5/16 1/4 ō NO CEIL 1 65.6 65.0 66.0 66 . U 66.0 66.0 66.0 66.0 66.9 66 • Ü 66.0 66.0 66.0 66.0 66.0 66 •0 75.1 75.2 75.1 SE 200001 74.7 75.1 75.1 75.1 75.1 75.1 75.1 75.1 75.2 GE 180001 74.8 75.2 75.2 75. 2 75 . 2 75.2 75.2 75.8 75.2 75.2 75.2 75.2 75.2 75.2 75.2 GE 160001 75.4 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 140001 77.3 77.7 77.7 77.7 77.7 77.7 77.7 77.7 77.7 77.7 77.7 77.7 77.7 77.7 77.7 GE 120001 79.5 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 GE 100001 83.0 83.8 83.6 83.8 83.8 83.8 83.8 83.8 83.8 93.8 83.8 83.8 83.8 83.8 83.8 83.8 9000| 84.4 85.2 85.2 85.2 85.2 95.2 85.2 85.2 85.2 85.2 85.2 85.2 85.2 85.2 85.2 85.2 85.6 85.6 85.6 85.7 85.6 85.7 85.6 85.7 GE 8.48 10003 85.6 85.6 85.6 85.6 85.6 85 • 6 85.6 85.6 85.6 85.6 85.7 70001 85.7 85.7 85.7 85.7 85.7 85.7 85.7 R5.7 25.7 60001 90.1 90.9 91.0 95.2 96.3 GE squel 96.3 96.3 96.3 96.3 96.3 96.3 45001 96.5 97.4. 97.6 98.9 97.6 98.9 97.6 98.9 97.6 98.9 97.6 97.6 98.9 97.6 98.9 97.6 98.9 GÈ 97.6 77.6 97.6 97.6 97.6 97.6 40001 97.8 98.9 98.9 GE 98.6 98.9 98.9 98.9 98.9 35001 98.0 GΕ 98.9 99.0 99.0 99.0 99.0 99.0 99.0 30001 98.2 99.3 99.3 99.3 GΕ 99.2 99.3 99.3 99.3 99.3 99.3 99.3 29.3 99.3 99.3 99.3 GE 25001 98.4 99.5 99.6 99.6 99.7 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 SE 20001 98.5 99.7 99.7 99.7 99.7 99.7 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 GΕ 18001 98.5 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 98.5 GE 99.7 99.7 15001 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 12001 98.5 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 10001 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 ŝΕ 9001 98.5 79.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 8001 98.5 GE 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 190.0 100.0 100.0 100.0 100.0 100.8 100.0 100.0 100.0 100.0 199.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 6031 99.5 100.0 100.0 160.0 100.0 100.0 100.0 100.0 100.0 100.0 109.0 100.0 100.0 100.0 100.0 0.7 5001 98.5 99.7 100.0 100.0 1 20 . 0 109.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 4031 98.5 GE 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 3001 98.5 100.0 100.0 102.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.7 2001 98.5 100.0 100.0 100.0 100.0 100.5 100.0 100.0 100.0 100.0 100.0 100.6 100.0 100.0 1001 100.0 100.0 150.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 01 98.5 99.7 109.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSEPVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 78-87 MONTH: JUL HOURS (LST): 1500-1700 VISIBILITY IN STATUTE MILES
GE GC GC GE
2 I 1/2 1 1/4 1 . . . . . . . . . . . . CE IL ING CELLING IN 1 GC FEET | 10 GE GE 3 2 1/2 GE S GE GE GE GE 6 4 3/4 5/8 1/2 5/16 1/4 o NO CEIL | 43.3 43.8 43.8 43.8 43.8 43.8 43.8 43.8 43.8 43.8 43.8 43.8 43.8 43.8 43.8 43.8 6E 200001 55.4 55.9 55.9 55.9 55.9 55.9 55.9 55.9 55.9 GE 18700| 55.4 GE 16000| 56.0 55.9 56.5 55.9 56.5 55.9 55.9 55.9 55.9 55.9 55.9 55.9 56.5 55.9 56.5 55.9 56.5 55.9 56.5 55.9 55.9 55.9 56.5 56.5 56.5 56.5 56.5 56.5 56.5 56.5 56.5 140001 58.7 59.2 59.2 59.2 59.2 59.2 CE 12203| 63.1 63.6 63.6 63.6 63.6 63.6 63.6 63.6 63.6 63.6 63.6 63.6 63.6 63.6 63.6 63.6 GE GE 100001 67.8 68.3 73.0 68.3 68.3 70.0 68.3 70.0 68.3 70.0 68.3 70.0 68.3 68.3 68.3 68.3 68.3 68.3 68.3 68.3 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 GE, 80001 70.8 71.3 71.3 71.3 71.3 71.3 71.3 71.3 71.3 71.3 71.3 71.3 71.3 71.3 71.3 75601 71.4 71.9 71.9 71.9 71.9 71.9 71.9 71.9 71.9 71.9 66001 77.4 80.1 80.1 80.1 80.2 80.2 80.2 80.2 80.2 80.2 80.2 80.2 80.2 80.2 80.2 80.2 50001 91.2 92.0 92.2 92.2 92.2 92.2 6E 92.0 92.0 92.2 32.2 92.2 92.2 92.2 92.2 92.2 92.2 45001 93.6 40001 97.3 GĘ 94.3 94.5 94.5 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 93.7 GE 98.4 98.7 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 6E 35001 97.3 98.9 98.4 98.7 98.7 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 30001 97.6 99.2 25001 97.8 98.9 99.2 99.4 99.4 99.4 99.4 99:4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 6E 2000| 98.3 1603| 98.3 99.4 99.7 99.8 99.7 99.8 99.8 100.0 99.8 100.0 99.8 100.0 99.8 100.0 99.8 160.0 99.8 99.8 100.0 99.8 99.8 99.8 99.8 99.8 100.0 υĘ 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 190.0 100.0 100.0 100.0 100.0 100.0 100.0 12001 98.3 99.5 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 68 10001 98.3 99.5 99.8 99.8 130.3 106.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 9061 98.3 6361 98.3 99.8 99.8 66 79.5 99.8 160.0 1 30.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.5 79.8 100.C 100.0 100.0 65 100.0 100.0 GE GE 99.8 7631 98.3 99.5 99.8 100.0 106.8 100.0 100.0 103.0 100.0 100.0 6031 98.3 99.5 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.C 100.9 100.0 130.0 100.0 100.0 100.0 6E 5001 98.3 99.5 99.8 99.8 150.0 100.0 160.0 100.0 100.0 100.0 100.0 160.0 100.0 100.0 100.0 100.0 4001 98.3 99.5 99.8 99.8 GΕ 160.6 100.0 100.0 100.0 1 00.6 100.0 100.3 100.0 100.0 100.0 100.0 100.0 3901 98.3 2601 98.3 99.5 66 99.8 99.8 100.0 100.0 100.0 100.D 100.0 100.0 100.0 100.0 100.0 100.0 97.2 99 • 8 99 • 8 GE 100.0 100.0 100.0 103.0 100.0 100.0 103.0 100.0 100.0 100.0 100.0 100.0 99.5 3.66 1001 98.3 100.0 166.0 100.0 100.C 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0

160.0 176.0 169.0 199.0 1.6.9 100.0

103.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

99.8

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ITR WEATHER SERVICE/MAC PERIOD OF RECORD: 78-87 STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO MONTH: JUL HOURS (LST): 1800-2000 CEILING VISIBILITY IN STATUTE HILES GE 6 CE GE 2 GE GE 122 SE GΕ GΕ GE GE GΕ FEET 10 ٤ 3 2 1/2 1 1/2 1 1/4 1 3/4 5/8 1/2 5/16 1/4 8 HO CEIL | 59.4 50.4 5C.4 56.4 50:4 58.4 50.4 50.4 50.4 50.4 50.4 50.4 50.4 50.4 50.4 50.4 GE 200001 62.1 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 180001 62.3 160001 62.3 62.6 62.6 62.6 62.6 62.6 62.6 GΕ 62.6 63.9 69.0 140001 63.6 53.9 63.9 63.9 63.9 63.9 63.9 63.9 63.9 63.9 63.9 63.9 63.9 63.9 63.9 69.0 69.0 69.0 69.0 69.0 69.0 69.0 69.G 60.0 120001 66.4 100001 74.3 74.8 74.8 74.8 74.8 74.8 74.8 74.8 74.8 74.8 74.8 74.8 74.8 GE. 74.8 74.8 75.6 75.6 75.6 75.6 75.6 75.6 75.6 75.6 75.6 75.6 75.6 75.6 75.6 75.6 75.6 75.6 75.6 75.6 75.6 9000 75.1 75.6 75.6 75.6 75.6 75.6 60001 75.1 75.6 75.6 75.6 75.6 75.6 G£ GE GE 60dC1 83.7 84.7 84.7 0.29 85.0 85.0 85.0 85.0 85.0 85.0 85.0 85.0 85.0 85.0 85.0 85.0 94.1 39 50001 92.6 93.9 93.9 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.4 97.7 94.1 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 60 45001 92.9 94.1 94.4 94.4 30 30 45001 95.9 35001 96.4 97.5 98.0 97.5 98.0 97.7 98.2 97.7 97•7 98•2 97.7 98.2 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 98.2 98.2 98.2 98.2 98.2 98 . 2 98.2 98.2 98.2 GE, 30001 96.7 98.5 25001 98.2 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 96.7 98.2 98 . 5 98.5 98.5 98.7 96.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 GE 20001 96.9 78.5 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 16001 96.9 98.7 98.7 98.7 98.7 78.5 98.7 98.7 98.7 98.7 GΕ GE 15001 96.9 98.5 98.5 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 93.7 GE 12001 99.0 99.0 99.0 96.9 78.5 98.5 98.7 98.7 99.0 99.0 99.0 99.0 99.0 99.0 99.0 18001 97.2 99.2 99•2 99•5 GE 98.7 99.2 99.2 99.2 99.2 99.2 98.7 99.0 99.0 99.0 99.2 99.2 99.2 9JD| 97.2 800| 97.2 99.5 99.7 99.7 98.7 99.0 99.2 97.2 99.2 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.7 99.7 99.7 99.7 99.7 99.7 99•7 99•7 GE GF 98.7 99.2 99.5 99.5 99.5 99.7 100.0 100.0 100.0 100.0 99.5 7001 98.7 100.0 100.0 100.0 100.0 6001 97.2 GE 98.7 99.2 99.5 99.5 99.5 99.7 99.7 130.0 100.0 100.0 100.0 GE. EúC| 97.2 98.7 99.2 99.5 99.5 99.5 99.7 99.7 99.7 99.7 99.7 99.7 100.0 100.0 100.0 100.0 99.7 99.7 4001 97.2 99.5 99.7 GE GE 99.2 99.2 99.7 99.7 99.7 99.7 100.0 78.7 99.5 99.5 99.7 100.0 100.0 100.0 3001 97.2 98.7 99.5 99.5 99.5 99.7 99.7 99.7 99.7 100.0 100.0 100.0 100.0 2001 97.2 29.2 99.5 99.7 100.0 GF. 28.7 99.5 99.7 99.7 99.7 99.7 100.0 160.0 100.0 ĢΕ 98.7 99.5 99.5 99.7 100.0 100.0 100.0 al 97.2 98.7 99.5 GE 99.5 100.0 100.0 99.7 100.0 100.0 99.7

TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 78-87 STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO HONTF: JUL POURSILST1: 2100-2300 CE IL ING VISIBILITY IN STATUTE MILES GE 2 GE 1 1/2 GE 1/4 ΙŃ GE GΕ GE GΕ GΕ GE GΕ GE FÉET 5 3 2 1/2 1/2 5/16 1/4 10 6 3/4 5/8 0 NO CEIL 1 62.4 72.8 72.8 72.8 72.8 72.8 72.8 72.8 72.8 6E 20000| 71.8 72.8 72.8 72.8 GE GE 18000 | 16000 | 71.8 71.8 72.8 74.2 72.8 72.8 72.8 72.8 72.8 72.8 72.8 74.2 140001 74.2 74.2 74.2 74.2 74.2 74.2 74.2 79.8 79.8 79.8 79.8 79.8 79.8 79.8 79.8 GE 120001 73.4 79.8 79.8 79.8 79.8 79.8 79.8 79.8 109001 85.0 86.4 86.4 GE 36.4 85.4 36.4 86.4 86.4 86.4 86.4 36.4 86.4 86.4 26.4 86.4 86 .4 86.9 87.3 87.3 86.9 87.3 87.3 86.9 87.3 87.3 86.9 87.3 87.3 36.9 86.9 86.9 86.9 86.9 űξ 95001 85.4 86.9 86.9 86.9 86.9 86.9 86.9 87.3 87.3 87•3 87•3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 27.3 87.3 87.3 87.3 SE 10005 85.9 87.3 87.3 85.9 70001 87.3 87.3 93.6 GE 62001 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 50001 94.4 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 97.7 96.7 77.7 96 • 7 97 • 7 96.7 97.7 96.7 97.7 96.7 97.7 96.7 97.7 96.7 97.7 GE 45001 94.4 96.7 96.7 96.7 96.7 96.7 96.7 96.7 GE GE 4000 I 95.3 97,7 95.8 98.1 25601 98.1 98.1 98.1 98.1 98.1 98 - 1 98.1 98.1 28.1 99.1 98.1 98.1 98.1 98.1 98.6 98.6 98 • 6 98.6 98.6 98.6 98.6 98.6 98.6 25001 96.2 98.6 98.6 98.6 98.6 68 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98 .6 20001 96.7 18301 96.7 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 GE 99.1 99.1 99.1 99.1 99.1 6E 99.1 GE 15001 99.1 99.1 6E 12001 96.7 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.5 99.5 GE 10001 96.7 97.1 99.1 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.1 99.1 99.1 99.1 GE 9001 96.7 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 6£ 1003 96.7 96.7 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 7051 99.5 99.1 99.5 99.5 99.5 99.5 99.5 99.5 GE 99.1 1000 96.7 99.5 99.5 99.5 5001 99.1 99.5 99.5 99.5 99.5 99.5 99.5 99.1 99.5 99.5 99.5 GF. 4301 96.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ines 96.7 GE. 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 1002 96.7 99.1 100.0 100.0 100.C 100.0 103.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1601 96.7 99.1 99.5 υE 100.0 100.0 100.0 109.0 100.0 100.0 100.6 109.0 100.0 100.0 100.0 100.0 100.0 30 01 96.7 99.1 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

FROM HOUPLY OBSERVATIONS

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	n i	GE (	GΕ	39	GE	GE	GΕ	V 15 1		IN STATE			~~				
	ËT I	••	6	5	UE,		2 1/2		GE 1 1/2	GE	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	G E O
	•••••				· · · · · · · ·	· • • • • • • •				*****	-					1/4	••••
:0	CEIL I	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
	-									00.5	00.5	00.5	00.5	00.3	00.3	00.0	00.3
	100205		74.1	74.1	74 • 1	74.1	74.1	74.1	74.1	74 - 1	74.1	74.1	74 - 1	74.1	74.1	74.1	74 •1
	180001		74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
	160001	–	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
	140001		76.3	76.3	76 • 3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76 • 4	76.4	76.4	76.4	76 •4
Ę	120001	78.0	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
	100001		83.2	83.2	83.2	83.3	87.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
Ę	90001		84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
F	10038		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85'. 3	85.3	85.3	85.3
C	70001		85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
Ε	•606]	89.1	89.9	90.0	90.0	90.1	96.1	96.1	90•1	90.1	90.1	90.1	90.1	99.1	90.1	90.1	90.1
:	SCOCI	93.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
:	45001		95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	40001	95.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
[	35001	96.1	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
3	30001	96.3	97.4	97.5	97.6	97.6	¢7.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
:	25001	46.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
	20001	96.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98 • 2
	1860	96.9	98.0	98.1	98.2	98.3	98.3	98 • 3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
-	15001	96.9	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
:	1200[	97.0	96.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
:	10001	97.1	98.4	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	900]		98.5	98.8	98.9	99.1	99 • 1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
:	1003	97.1	98.6	99.3	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
3	7001	97.1	98.7	99.1	99.2	59.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	6001	97.1	98.7	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	5001	97.1	98.8	99.2	99.3	99.5	99.5	99.5	99.5	49.5	00 5	00 (	00 (				
		97.1	78.8	99.5	99.4	99.6	99.6	99.7	99.5		99.5	99.6 99.8	99.6	99.6	99.6	99.6	99.6
:		97.1	78.8	99.3	99.4	99.6	99.6			99.7 99.7	99.7		99 • 8	99.8	99.8	99.8	99.8
		97.1	98.8	99.3	99.4	59.6	99.6	99.7	99.7		99.7	99.8	99.8	99.9	99.9	99.9	99.9
	1601		72.8	99.3	99.4			99.7	99.7	99.7	99.7	99.8	99 • 8	99.9	99.9	99.9	100.0
	1001	2111	75.0	77.3	77 . 4	99.6	79.6	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0

GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PEPIOD OF RECORD: 77-86

97.3

97.8

98.2

97.8

98.2

98.7

100.0

97.3

97.8

HOURS(LST): 0300-0500

HONTH: AUG

STATICH NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

VISIBILITY IN STATUTE HILES CEILING GΕ 1 1/2 GE 1 1/4 GE 1/2 GE 5/16 GΕ 1/4 2 1/2 FEET 10 -6 5 3 2 3/4 5/8 o 74.8 74.8 74.8 74.8 NO CEIL 1 73.9 74.8 74.8 74.8 74.8 77.9 78.3 77.9 78.3 77.9 78.3 77.9 78.3 77.9 78.3 77.9 78.3 77.9 78.3 77.9 78.3 77.9 78.3 77.9 GE 200901 77.0 77.9 77.9 77.9 77.9 77.9 77.4 78.3 78.3 78.3 78.3 78.3 180001 78.3 GE 160001 77.9 78.8 78.8 78.8 76.6 78.8 78.8 78.8 78.8 78.8 78.8 78.9 78.8 78.8 78.8 79.6 79.6 GF 140001 78.8 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 80.1 82.7 82.3 82.3 82.3 GΕ 120001 21.4 82.3 82.3 82.3 62.3 82.3 62.3 82.3 82.3 82.3 82.3 82.3 86.3 86.7 86.3 86.7 86.7 86.3 86.7 GF taggat 85.4 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86 .7 86.7 87.6 86.7 86.7 87.6 90001 85.8 96.7 86.7 86.7 86.7 86.7 86.7 86.7 87.2 65 GE 80501 86.7 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 88 •1 GE 76001 86.7 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 88.1 60001 86.7 87.6 87.6 87.6 87.6 87.6 87.6 6E 50001 86.7 97.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 88.1 87.6 4500| 87.6 4600| 89.5 88.5 89.4 88.5 89.4 88.5 88.5 89.4 88.5 89.4 88.5 88.5 89.4 88.5 89.4 88 •9 89 •8 GΕ 38.5 88.5 88.5 88.5 88.5 88.5 99.4 89.4 89.4 ЬE 89.4 89.4 89.4 89.4 GΕ 35901 88.5 89.4 89.4 89.4 89.4 69.4 89.4 89.4 89.4 30001 88.9 69.8 89.8 89.8 89.8 89.8 89.8 89.8 89.8 89.8 89.8 89.8 89.8 89.8 89.8 90.3 GE 2001 90.3 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.6 91.2 91.2 91.2 91.6 91.6 ьE 20001 99.7 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 51.6 91.6 92.0 92.0 60 15031 91.6 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.9 1.5 12001 91.6 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.5 92.9 GF 10001 92.0 93.4 93.4 93.4 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 94.2 9301 92.5 94.2 94.2 93.8 93.8 94.2 96.7 GE 93.8 94.2 94.2 94.2 94.2 94.2 94.2 95.1 94.2 94.2 33 8331 92.9 94.2 94.2 94.2 94.7 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.6 95.6 GE 7001 92.9 94.2 94.7 94.7 95.1 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 96.3 GΕ 6001 92.9 95.6 95.1 96.5 96.5 96.5 96.5 96.9 94.2 96.0 96.5 96.5 96.5 96.5 96.5 96.5 96.5 97.3 97.3 GF 5001 95.1 95.6 96.5 97.3 96.5 96.5 94.2 96.0 96.5 96.5 26.5 96.5 96.5 96.5 96.9 97.3 4301 93.4 96.9 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.8 97.8 97.8 97.8 74.7 97.3 σE 95.6 96.0 97.3 97.3 97.3

TOTAL NUMBER OF OBSERVATIONS:

94.7

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94.7

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95.6 95.6

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GLOBAL CLIPATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

											чтион			(LST):		00
EILING	• • • • •	• • • • • •	• • • • • • •	• • • • • • • •	•••••	• • • • • • • •	VISI	BILITY	IN STATE	JTE HILI	ES	• • • • • • •	• • • • • • •	•••••	• • • • • • •	••••••
10 1	6E 10	GE 6	GE S	GE 4	GE,	GE 2 1/2	GE	GE 1 1/2	GE	GE 1	GE 3/4	GE 5/8	Gξ 1/2	GE 5/16	GE 1/4	G E C
FEET	10		• • • • • •	4 • • • • • • •		2 1/2		1 1/2	1 1/4			•••••		5/10 • • • • • •		•••••
10 CEIL 1	73.7	73.9	74.1	74 • 1	74.1	74 - 1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74 •2
E 296631	78.2	73.4	78.5	78.5	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
E 180001	78.3	78.5	78.7	78.7	79.7	78.7	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
E 160501	79.7	78.9	77.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
E 140301	80.0	30.3	89.4	89.4	83.4	80.4	.80.5	80.5	89.5	80.5	87.5	83.5	30.5	£0.5	80.5	80.5
E 120091	82.5	82.6	82.9	82.9	82.9	82.9	0.58	<b>03.</b> 0	83.3	83.0	83.9	83.0	83.0	83.9	83.0	83.0
100301	85.1	35.4	85.5	35.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
E 90001	85.0	86.2	96.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
10008	87.5	37.7	87.8	87.8	87.9	67.8	88.0	88.0	38.0	88.0	88.0	88.0	88.0	88.0	0.86	88.0
E 70001	87.5	37.7	87.8	87.8	87.8	87.8	68.0	83.0	88.9	98.0	88.0	0.83	83.0	98.0	88.0	0.88
19039 28	87.5	87.7	87.8	87.8	87.8	8.75	0.83	88.0	88.0	38.0	88.9	88.0	88.0	0.89	88.0	88.0
16008 38	88.5	98.7	8.88	8.83	88.8	88.8	89.0	89.C	89.0	89.0	80.0	89.0	89.0	89.0	89.0	89.0
£ 45001	87.3	87.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
E 40001	90.6	93.8	90.9	93.9	90.9	98.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
16928 3	93.8	91.1	91.2	91.2	91.2	71.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
E 3r001	91.1	91.3	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
E 25001	91.8	92.1	92.2	92.2	92.2	72.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
10005 3	92.8	93.3	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
E 18001	92.8	93.3	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
E 15081	93.2	93.7	93.9	94.2	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
12031	93.3	93.8	94.3	94.3	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
€ 18601	93.5	94.2	94.7	94.9	95.0	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
E 9001	93.7	94.4	94.9	95.2	95.3	95 • 4	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
E 9001	93.7	94,4	94.9	95.2	95.3	95.4	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
1017 3	93.7	94.8	95.3	95.5	95.7	75.9	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
E 6001	93.7	94.9	95.5	95.8	96.0	96.3	96.5	96.7	96.7	96.8	96.8	96.8	96 • 8	96.8	96.8	96.8
icos 3	93.7	75.2	96.0	96 • 4	96.7	96.9	97.1	97.3	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.8
E 4901	93.7	95.2	96.3	96.5	96.8	97.1	97.5	97.9	97.9	98.3	98.3	98.3	98 . 4	98.4	98.4	98.5
E 3931	93.7	95.2	96.0	96.5	96.9	97.3	97.9	98.3	98.3	98.6	98.8	98.8	98.9	98.9	98.9	99.0
E 2301	93.7	95.2	96.3	96.5	96.9	97.4	98.0	98.4	98.4	98 . 8	99.0	99.0	99.3	99.3	99.6	99.9
E 1001	93.7	25.2	96.3	96.5	96.7	97.4	98.0	98.4	98.4	98.8	99.3	99.0	99.3	99.3	99.8	100.0

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

PERIOD OF RECORD: 77-86

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

MONTH: AUG HOURS(LST): 0900-1100 VISIBILITY IN STATUTE MILES GE GE GE CEILING IN I GE GΕ Gξ Gξ GΕ GΕ GE 2 1 1/2 1 1/4 6 5 4 3 2 1/2 3/4 NO CEIL | 77.2 17.5 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.5 77.5 82.7 GE 200001 82.3 92.7 82.7 82.7 82.7 82.7 82.7 82.7 82.7 82.7 83.C 83.Q GE 18000| 82.7 83.0 C. ES 83.9 83.0 83.0 93.0 83.0 83.0 83.0 83.0 83.0 93.0 83.0 83.0 GE 16000| 82.7 83.0 83.0 83.0 93.0 83.0 83.0 83.C 83.0 83.0 83.0 63.0 83.0 63.0 83.0 83.8 14000| 83.4 818 93.8 8.26 83.8 83.8 83.8 83.8 65 120001 84.2 34.5 84.5 84.5 84.5 24.5 84.5 84.5 84.5 84.5 84.5 84.5 84.5 84.5 84.5 GE 100001 87.9 97.7 87.7 87.7 87.7 P7.7 87.7 87.7 87.7 97.7 87.7 87.7 87.7 R7.7 87.7 GĘ 90001 88.1 28.5 88.5 88.5 88.5 88.5 69.5 88.5 88.5 88.5 88.5 88.5 88.5 88.5 88.5 88.5 GE 88.5 33.9 88.9 88.9 38.9 89.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 70001 83.5 33.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 6C30| 88.7 89.1 50001 87.4 GE 87.7 89.7 89.7 89.7 89.7 89.7 87.7 89.7 39.7 89.7 89.7 89.7 89.7 89.7 89.7 4530 | 89.9 4600 | 96.8 90.2 93.2 93.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 99.2 90.2 91.2 91.2 91.2 91.2 91.2 91.2 SE 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 35001 91.6 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 30001 92.1 GE 25001 92.5 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 GE 20JOI 92.9 180BI 93.4 94.2 94.7 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.9 94.4 94.4 94.4 94.4 94.4 94.4 94.9 94.9 94.9 ĞΕ 94.9 94.9 94.9 94.9 94.9 94.9 94.9 GE 15001 94.1 75.8 96.0 96.0 96.0

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PÉRCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

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STATION NUMBER: 72468C STATION-NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 77-86 HONTH: AUG HOURS (LST): 1200-1400 CE IL ING VISIBILITY IN STATUTE HILES 6Ε 5 6r GE GE GE 2 1 1/2 1 1/4 143 1 GE GΕ GF GE GE GE GF FEET I 18 4 3 2 1/2 6. 1 3/4 5/8 1/2 5/16 1/4 Ō NO CEIL 4 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 62.3 74.6 74.6 GE 200001 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 18000| 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 16000| 74.6 14000| 76.4 74.6 76.4 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 76.4 74.6 74.6 74.6 74.6 74 .6 76.4 76.4 76.4 76.4 76.4 79.4 76.4 76.4 76.4 76.4 GΕ 76.4 76.4 76.4 76 .4 120001 79.9 79.4 100001 83.5 83.5 83.5 83.5 83.5 83.5 83.5 83.5 83.5 83.5 83.5 83.5 83.5 83.5 90001 84.9 80001 85.2 84.9 85.2 84.9 85.2 84.9 85.2 84.9 85.2 84.9 85.2 84.9 85.2 6E 6E 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 85.2 85.2 85.2 85.2 85.2 85.2 85 .2 85.2 85.2 70001 65.2 85.2 85.2 85.2 GF. 6000) 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 91.4 91.4 GF 55001 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 45001 92.C 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 GE GE GE 40001 93.3 35601 73.8 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 93.9 30001 95.3 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 GΕ 25061 95.9 96.7 96.8 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 96.8 97.1 97.7 97.1 97.2 97.5 20001 96.1 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 ьc 97.2 97.2 18001 96.3 3*0* 30 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 98.1 98.0 15001 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 GE 12001 97.2 98.2 98 - 4 98.4 98.4 98.4 98.4 CE 10001 97.2 98.7 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 GE GE 9001 97.2 8001 97.2 98.6 98.6 98.9 98.9 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.6 99.0 99.ŭ 99.0 99.0 GΕ 7001 97.2 99.1 99.1 99.1 6001 97.2 GE 99.7 98.6 99.4 99.5 99.5 99.7 99.7 99.7 99.7 99.7 99.7 99.7 98.6 98.7 GF 5001 97.2 99.3 99.4 99.5 99.5 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 4001 97.2 99.1 100.0 100.0 99.5 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ĞΕ 6E 2001 97.2 2001 97.2 7867 99.1 99.5 99.6 99.6 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.1 99.1 GE 98.7 99.5 49.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ĞĒ. 1001 97.2 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 79.6 100.0 100.0 GE CI 97.2 99.5 99.6 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

GUOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFETAC FROM HOURLY OBSERVATIONS AIR REATHER SERVICE/MAC

PERIOD OF RECORD: 77-86 STATION NUMBER: 7246AC STATION NAME: FT CARSON/BUTTS AAF CU MONTP: AUG HOURS (LST): 1500-1700 CE-IL ING GE 2 VISIBILITY IN STATUTE MILES 6E 1 1/2 GE 5/8 GE 5/16 GE 1/4 G E O AR FEÉT ĠE 6 GE S GE GΕ GE GΕ 4 3 2 1/2 3/4 1 1/2 1 10 1/4 1 43.5 43.5 43.5 43.5 43.5 #0 CEIL 1- 43.5 43.5 43.5 43.5 43.5 43.5 43.5 43.5 54.6 54.6 GE 200001 54.6 54.6 54.6 54.6 54.6 54.6 54.6 54.6 54.6 54.6 54.6 54.6 54.6 54.6 GΕ 180001 95.4 55.4 55.4 55.4 55.4 55.4 55.4 55.4 55.4 55.4 55,4 55.4 55 • 4 55.4 55.4 55 .4 GE. 160001 55.4 55.4 55.4 58.4 55.4 58.4 55.4 55.4 55.4 59.4 55.4 55.4 55.4 55.4 55.4 58.4 55.4 55.4 58.4 55.4 58.4 55 •4 56 •4 58.4 58.4 ĠΕ 140001 58.4 58.4 58.4 58.4 58.4 58.3 58.4 120001 63.6 63.8 63.8 63.8 63.8 63.8 63.8 63.8 63.8 63.8 63.8 63.8 63.8 100001 7019 71.0 71.0 71.0 71.0 71.0 71.0 71.C 71.0 71.0 71.0 71.0 71.9 71.0 71.0 71.0 CE 90001 71.4 89001 73.5 70001 73.5 71.6 71.6 71.6 71.6 71.6 71.6 71.6 71.6 71.6 71.6 71.6 71.6 71.6 73.6 GE 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 79.6 GE 60001 79.4 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 90.1 GΕ 50001 90.3 90.4 90.4 90.4 90.4 90.4 90.4 99.4 90.4 98.4 90.4 90.4 90.4 90.4 90.4 91.0 91.0 ĞΕ 4530 L 98.7 98.9 93.5 91.0 93.8 91.0 91.0 93.9 91.0 93.9 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 ĞĒ 40001 93.9 93.9 95.2 97.5 95.2 97.5 95.2 95.2 97.5 95.2 95.2 97.5 95 · 2 97 • 5 95.2 95.2 97.5 95.2 97.5 GΕ 35001 94.3 94.8 95.1 95.2 95.2 97.5 97.5 66 30001 97.1 97.4 96.5 97.5 97.8 25001 97.7 97.7 97.7 97.7 97.8 97.8 97.8 97.8 97.8 97.8 G£ 97.2 97.5 97.7 97.7 96.7 97.5 97.7 30 30 97.2 97.8 20001 96.7 97.7 97.7 97.7 97.8 97.8 98 • D 98.0 98.0 98.0 98.0 98.0 98 •0 96.8 98.0 98.7 98.0 98.7 98.1 98.8 1839 97.8 97.8 98.0 98.1 98.1 98.1 98.1 98.1 98.1 ĞĈ 97.5 98.7 15001 98.4 98.6 98.8 98.8 98.8 93.1 78.6 98 • 6 98.8 98.8 98.8 GĘ 12601 97.5 98.4 98.6 98 • 6 98.7 98.7 98 .8 GE 10001 98.6 98.6 98.7 98.7 98.7 98.8 98.8 98.8 98.8 98.8 98.8 98.1 98.4 98.6 GE GE 97.7 97.7 98.4 98.4 98.7 98.7 98.8 98.8 98 • 8 98 • 8 99 •0 99 •0 99.0 99.0 99.0 9°•1 9°•1 99.1 99.1 99.1 99.1 99.1 99.1 99 •1 99 •1 1000 98.8 98.8 99.1 99.1 1008 99.1 99.1 GF, 7801 97.7 98.8 99.3 99.0 65 6001 97.7 98.7 99.0 99.1 99.1 99.1 99.4 99.4 99.4 99.6 99.6 99.6 99.6 99.6 99.6 99.6 GE 5301 97.7 98.7 99.4 99.1 99.1 99.1 99.6 99.6 99.6 99.7 99.7 99.7 99.7 99.1 99.7 99.7 4001 97.7 98.7 98.7 99.0 99.1 99.1 99.4 99.4 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 30 99.4 100.D 100.0 100.0 GĒ 100 97.7 200 97.7 99.4 170.0 100.0 100.0 100.0 160.0 100.0 100.0 GE 98.7 99.6 29.1 99.4 99.4 99.9 32.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 GΕ 1001 97.7 99.9 100.0 98.7 99.3 99.4 99. 4 99.9 99.9 100.0 100.0 100.0 100.0 100.0 99.1 100.0 GE JI 97.7 99.4 32.7 99.9 99.9 100.6 100.0 100.0 100.0 100.0 100.0 100.0 98.7 99.3 99.1

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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PERIOD OF RECORD: 77-86
HONTH: AUG POURS(LST): 1800-2000 STATION NUMBER: 724685 STATION NAME: FT CARSON/BUTTS AAF CO

	CEILING	•						Visi	BILITY	IN STAT	UTE HIL	ES				••••		
		GE	GΕ	Gξ	GE	GΕ	6E	GΕ	GE	GE	GΕ	GE	30	GE	GE	GΕ	GE	
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	B€ 20000		53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	
	GE 18000		54.4	54.4	54.4	54.4	54.4	54 • 4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54 .4	
	GE 16500		54.4	54.4	54.4	54.4	54.4	54.4	54 · 4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
	6E 14000		56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56 •7	
	RE 1/30701	63.1	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	
			~ ·															
-	GE 100001		72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	
		72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73 • 1	73.1	73.1	73 • 1	73 • 1	73.1	73.1	
		73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	13.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
		73.3	73.8	73.8	73.8	73.8	73.8	7348	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
	eg 66001	78.8	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79+5	79.5	79 •5	
	cc cooo!																	
		90.0	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
		99.5	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
		92.7	94.5	94.8	94.8	95.2	95 • 2	95.2	95.2	95 • 2	95.2	95.2	95.2	95.2	95.2	95.2	95 •2	
		93.8	95.7	95.9	95.9	96.4	96.4	96 • 4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96 •4	
	GE 30001	95.0	97.0	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
	GE 25001	95.C	۹7.0	97.3	97.3	97.7	97.7	97.7										
		95.0	97.3	97.3	27.3	97.7			97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
		95.0	97.3	97.3	97.3	97.7	97•7 97•7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
		95.2	77.3	97.5	97.5	97.0	97.9	97.7 97.9	97.7 97.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
		95.2	97.3	97.7	97.7	98.2	98.2	98.2	98.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
	06 12001	73.2	7143	71.1	71.1	36.6	70.4	70 .4	90.2	98.2	98•2	98.2	98.2	98.2	98.2	98.2	98 •2	
	10001	95.4	97.7	98.2	98.2	93.6	98+6	98.6	98.6	98 • 6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
		95.7	97.9	99.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
		95.7	97.9	98.4	98.4	93.9	78.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
		95.7	97.9	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
		95.7	97.9	98.4	98 • 4	98.9	98.9	98.9	98.9	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
				,,,,,	,,,,	,,,,	,,,,,	,,,,	,,,,	,	,0.,	70.	,,,,	70 ( 7	79.7	7047	,0.4	
	6E 5uel	95.9	98.6	99.3	99.5	100.0	100.0	100.0	190.0	160.0	100.0	109.0	100.0	100.0	100.0	100.G	100.0	
		95.9	93.6	99.3	99.5		136.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	GE 300 Ì	95.9	93.6	99.3	99.5	100.0	1 00 • C	100.0	100.0	100.0	100.0	100.0	100.0	103.0	100.0	100.0	100.0	
		95.9	28.6	97.3	99.5	150.0	1 86.0	100.0	100.0	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0	
		95.9	98.6	99.3	99.5		130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	120.0	100.0	100.0	
				-														
	on a1	95.9	73.6	99.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0	
															- 00.0			

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

PERCENTÁGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ŞTATIOM NÜMBER:											OF REC	HOURS		2100-23	0C	
CEALING		•••••						IN STATE								••
ÎN   GE FEET   10	. GE	GE 5	GE 4	GE 3	GE 2 1/2	GΕ	GE	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	6Ε 5/16	GE 1/4	6 E 0	
***********					• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • • •	• •
NO CEIL 1 59.7	60.5	60.5	6C.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	6Ó.5	60.5	60.5	60.5	60.5	
66 260001 64.0	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	
GE 180001 65.2	66.0	66.0	66.0	66.0	66.0	66.0	66.C	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66 •0	
65 160001-65.2	66.0	66.0	66 + 0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	
6E 14300  66.8	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	
GE 120001 71.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	
GE 100001 77.9	78.7	73.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
GE 9000 79.1	79.8	79.8	79.8	79.8		79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79 •8	
GE 80001 79.4	80.6	83.6	80.6	80.6		80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	
GE 7000 79.4	80.6	80.6	83.6	83.6		80.6	80.6	80.5	80.6	88.6	80.6	80.6	80.6	80.6	8D .6	
GE 65001 84.2	85.4	85.4	85.4	85.4	-	85.4	85.4	85.4	85.4	85.4	65.4	85 • 4	85.4	85.4	85.4	
GE 50001 92.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
60 45001 92.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
GE 4500  94.5	96.8	96.8	96 • 8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97 •2	
GE 3500  94.9	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
65 30001 95.3	97.6	97.6	97.6	93.0	98.0	98.0	98•C	98.0	96 • Đ	98.0	98.0	98.0	98.0	98•0	98 •0	
GE 25001 95.7	98.C	98.0	98.0	99.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98 .4	
GE 20001 95.7	98.0	99.0	98.0	93.4		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98 4	
GE 18601 95.7	98.0	98.0	98.0	98.4		98 • 4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98 •4	
GE 15001 95.7	98.0	98.0	98.0	98.4	98.4	98 • 4	93.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98 •4	
SE 12001 95.7	98.0	98.0	98 • 0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98•4	98.4	98 •4	
66 15001 96.0	98.4	98.4	98.4	98.8	98.6	98.8	98•.8	98.8	98.5	99.8	98.8	96.8	98.8	98.8	98 .8	
GE 9001 96.C	98.4	98.4	98.4	99.8	98.8	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 8001 96.0	98.4	98.4	08.4	98.8	98.8	98 • 8	98.8	98.8	98.8	99.8	98.8	98.8	98.8	98.8	98.8	
GE 700  96.0	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98 •8	
GE (701 96.0	98.4	98.4	98.4	93.8	98+8	98.9	98.8	98.8	99.2	99.2	99.2	99•2	99.2	99.2	99 •2	
GC 5001 96.4	79.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400 96.4	99.2	99.2	99.2	99.6		99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300  96.4	99.2	90.2	99 • 2	99.6		99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100 •0	
GE 2001 96.4	99.2	99.2	99.2	99.6	99.6	99.6	91.6	99.6	100.0	103.0	100.0	100.0	100.0	100.0	100.0	
GE 1001 96.4	99.2	99.2	99.2	99.6	34.6	97.6	99.6	99.6	100.0	100.C	100.0	100.0	190.0	100.0	100.0	
GE 31 96.4	99.2	99.2	99 • 2	99.6	99.6	99.6	99.6	99.6	100.0	160.0	100.0	100.3	100.0	100.0	100.0	
• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	• •

GLOBAL CLIMATOLOGY BRANCH AIR WEATHER SERVICE/MAC

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO PEPIOD OF RECORD: 77-86 MONTH: AUG HOURS (LST): CE IL ING VISIBILITY IN STATUTE MILES GE UL 2 1 1/2 GΕ GΕ GE GΕ GE GE 1/4 TN GE GΕ 10 - 6 s 4 3 2 1/2 1 1/4 1 3/4 5/8 1/2 5/16 0 HO-CEIL | 63.1 63.3 63.3 63.3 63.3 63.3 63.3 63.3 63.3 63.3 63.3 63.3 63.3 E 200001 70.9 70.9 70.9 70.9 70.9 70.9 10.9 70.9 70.9 70.9 70.9 78.9 70.9 70.9 71.3 71.4 GE 182001 71:0 GE 160001 71:1 71.2 71.3 71.3 71.4 71.3 71.4 71.3 71.4 71.3 71.4 71.3 71.4 71.3 71.4 71.3 71.4 71.3 71.4 71.3 71.4 71.3 71.4 71.3 71.4 71.3 71.4 71.3 71.4 140001 73.1 73.1 7.3 . 1 73.1 73.1 73. I 73.1 73.1 73.1 73.1 GE 120001 76.1 76.4 76.4 76 . 4 76.4 76.4 76.4 76.4 76.4 76.4 76.4 76.4 76.4 76.4 76.4 76.5 GE 100001, 80.9 81.3 81.3 81.2 81.2 81.2 81.2 81.2 81.3 81.3 81.3 81.3 81.3 81.3 81.3 81.3 GE 90001 81.8 82.1 82.1 82.1 82.1 82.1 82.1 \$2.1 82.1 82.1 82.1 82·1 83·1 82.1 82.1 82.1 82.2 GE 80001 82.7 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83.1 83,1 83.1 GΕ 70991 82.7 a3.0 83.1 83.1 83.1 83.1 83.1 23.1 d3.1 83.1 83.1 83.1 83.1 83.1 83.1 GΕ 60001 85.1 25.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.6 50001 89.8 93.4 GE 90.4 90.4 90.4 96.4 90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5 4500| 90.4/ 4000| 92.0 91.0 90.9 91.0 91.0 91.0 91.0 91.0 91.0 92.6 92.7 93.4 92.8 93.5 92.8 93.5 92.8 93.5 92 • 8 93 • 5 92.8 92.8 GE 92.7 92.8 92.8 92.8 92.8 92.8 92.8 93.4 93.5 93.5 92.6 93.5 93.5 93.5 93.5 93.5 GE 35001 30001 93.6 94.6 94.7 94.7 94.7 25001 95.1 95.1 95.2 95.3 95.2 95.2 95.2 95.3 95.3 95.3 GE GE 95.7 95.9 25001 24.4 95.5 95.8 95.8 95.8 95.9 95.9 95.9 95.9 95.9 95.9 95.9 95.9 95.9 95.9 1800 94.6 95.6 95.9 96.0 96.1 96.1 96.1 96.1 96. D 96.1 96.1 96.1 96.1 96.1 96.1 96.5 15001 96.6 96.7 96.7 96.8 96.8 96.9 96.8 96.8 96 • 8 96.8 96.8 12301 95.4 76.5 96.8 96.9 97.9 97.0 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.3 97.5 GE 10001 95.6 77.0 97.4 97.6 97.6 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 97.7 9001 95.7 97.2 97.8 97.9 97.9 97.9 GE 97.6 97.8 97.9 97.9 97.9 97.9 97.9 97.9 97.9 8001 95.7 97.5 97.6 97.9 97.9 97.9 98.0 GΕ 97.9 98.0 98.0 98.0 98.0 98.0 98.0 78.2 GE 7001 95.7 97.3 97.7 97.8 98.0 98.1 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 GE 98.7 6001 95.7 97.3 97.8 98.0 98.3 98.4 98.6 98.6 98.6 98.7 98.7 98.7 98.7 98.7 98.7 GΕ 5001 95.8 97.5 98.1 98.3 98.6 99.1 98.7 99.0 99.0 99.8 99.1 99.1 99.1 99.1 99.1 99.2 98.2 4001 95.8 97.6 98 • 4 98.8 99.2 99.3 99.5 99.5 99.5 99.5 GΕ 98.9 99.3 99.4 99.4 99.4 99.4 ьc 3001 95.8 97.6 98.4 98.9 99.C 99.3 99.4 99.6 99.6 99.6 99.6 99.6 99.6 99.7 99.7 GE 2001 45.8 97.6 98.2 98.4 98.9 99.0 99.4 99.5 99.5 99.6 99.7 99.7 99.7 99.8 99.9

99.4

99.4

99.0

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99.5

99.5

99.7

99.7

99.7

99.6

99.6

99.8

99.8

99.8

99.8

99.9

99.9

100.0

100.0

TOTAL NUMBER OF OBSERVATIONS:

97.6

1301 95,8

31 95.6

GĘ

98.2

98.2

98.5

96.5

98.9

28.9

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3

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CLOBAL ČLIMATOLOGY: BŘANČH USAFETAC ÁTR ÁBATHER SERVIÇE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

CILLING IN   6C   6C   6F   6C   6F   6C   6F   6C   6F   6C   6F   6C   6F   6F	STATION NU	MBÉR: 7	2468C	STATIO	N NAHE:	·FT	C AR SON/BU	ITIS AAF	СО			PERIOD HONTH	ÓF RECC		-86 (LST): (	300-05	00
FRET I 10 6 6 5 9 4 3 2 17 2 1 17 2 1 17 4 1 1 10 6 5 5 5 4 5 2 17 2 1 1 17 2 1 1 1 1		• • • • • •	••••	• • • • • •	• • • • • • •	• • • • •	• • • • • • • •	***********	11.17.	ITATZ UI	ITF MILL	•••••	• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • • • • •
## FEET   1		GF	GE	GE	GE	GE	GE						GE	GΕ	GE	GE	GE
## CELL   72.9   73.9								-		-	_						
66         20000         75.9         76.8         77.3													• • • • • • •				
66         20000         75.9         76.8         77.3	•																
\$\frac{1}{\text{c}} \begin{array}{c} \frac{1}{16} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{o} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{o} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{o} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{o} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{o} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{c} \text{c} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{c} \text{c} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{c} \text{c} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{c} \text{c} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{c} \text{c} \text{c} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{c} \text{c} \text{c} \text{c} \end{array} \begin{array}{c} \frac{1}{16} \text{c} c	NO ĈEIL I	72.9	13.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
\$\frac{1}{\text{c}} \begin{array}{c} \frac{1}{16} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{o} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{o} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{o} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{o} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{o} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{c} \text{c} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{c} \text{c} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{c} \text{c} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{c} \text{c} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{c} \text{c} \text{c} \end{array} \begin{array}{c} \frac{1}{16} \text{c} \text{c} \text{c} \text{c} \text{c} \end{array} \begin{array}{c} \frac{1}{16} \text{c} c																	
GE         160001         76.4         77.3         77.2         77.2         77.2 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>																	
GE         12000 177.8         78.8																	
GE 12000 81.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82																_	
GF 10000   80.2   85.2																	
CC         20001         85-2         86-2         86-2         86-2         86-2         86-2         86-2         86-2         86-2         86-3         86-7	GE 125001	81.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82 • 3	82.3	82 • 3	82.3	82.3	82.3	82.3
CC         20001         85-2         86-2         86-2         86-2         86-2         86-2         86-2         86-2         86-2         86-3         86-7	CC 100001	a a	05 2	25.2	05 0	95 3	cc 2	05 2	or 2		05 2	0 5 3	05 3	00 7	05.3	0.5.2	95.2
GE         86.00         95.7         86.7																	
GE         20001         85.7         86.7         86.7         86.7         86.7         86.7         86.7         86.7         86.7         86.7         86.7         86.7         86.7         86.7         86.7         86.7         86.7         86.7         87.2															-		
GE 5000 86.2 87.2 87.2 87.2 87.2 87.2 87.2 87.2 87																	
GE 5CUG1 87.2 88.2 88.2 88.2 88.2 88.2 88.2 88.2																	
GE       4500   87.7       88.7	05 00001	0012	3112	0112	31.2	01.2	01.2	01 14	(1) + 2	01.2	07.2	0104	01.44	0112	01.5	0116	01 ·L
GE       4500   87.7       88.7	ge scool.	27.2	38.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88 •2
GE       4000   88.2       89.2       2       89.2																	
\$\frac{1}{61}\$ \frac{3500}{97.1} \frac{91.1}{91.6} \frac{91.1}{91.1} \frac{91.1}{91.																	
GE 2501 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6															-		
GE 25301 92.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93														92.6	92.6	92.6	92.6
GE 2200  93.1 94.6 94.6 94.6 94.6 94.6 94.6 94.6 94.6																	
GE 1800  93.1 93.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95	GE 25J9	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GC 1500  93.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95	65 20001	93.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94+6	94.6	94 •6
GE 1200   93.1   95.1	GE 18001	93.1	94.6	94.6	94 • 6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1700  93.1	GE 15001	93.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	75 • 1	95.1	95 •1
GC 9001 93.6 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96	6E 12661	93.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95 • 1	95.1	95.1	95 • 1	95.1	95 •1
GC 9001 93.6 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96																	
GE 8001 93.6 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96														-	_		
6E 700  93.6 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96							_								-		
GE 600 94.1 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96					-				-								
GC Sudl 94.1 96.6 96.6 96.6 96.6 96.6 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0				-													
GC 4001 94.1 96.6 96.6 96.6 96.6 97.5 98.0 98.0 98.0 98.0 98.0 98.0 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5	GE 6001	94.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96 •6
GC 4001 94.1 96.6 96.6 96.6 96.6 97.5 98.0 98.0 98.0 98.0 98.0 98.0 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5	ee e.al	r., .	~					07.0						07.0	67.0	02.0	07.0
GE 3031 94.1 96.6 97.3 97.0 97.0 98.0 98.5 98.5 98.5 98.5 98.5 99.0 99.0 99.0 99.0 99.0 GE 2001 94.1 96.6 97.3 97.0 97.0 98.0 98.5 98.5 98.5 98.5 98.5 98.5 99.0 99.0 99.0 99.0 GE 1301 94.1 96.6 97.0 97.0 97.0 98.0 98.5 98.5 98.5 99.0 99.0 99.5 99.5 100.0 GE 21 94.1 96.6 97.0 97.0 97.0 98.0 98.5 98.5 98.5 99.0 99.0 99.5 99.5 100.0																	
GC 200 94.1 76.6 97.3 97.0 97.0 98.0 98.5 98.5 98.5 98.5 98.5 98.5 99.0 99.0 99.0 99.0 GC 100 94.1 96.6 97.0 97.0 97.0 98.0 98.5 98.5 98.5 99.0 99.0 99.5 99.5 100.0 GC 21 94.1 96.6 97.0 97.0 97.0 98.0 98.5 98.5 98.5 99.0 99.0 99.5 99.5 99.5 100.0														-			
GC 100  94.1 96.6 97.0 97.0 97.0 98.0 98.5 98.5 98.5 99.0 99.0 99.5 99.5 99.5 100.0 GC 0  94.1 96.6 97.6 97.0 97.0 98.0 98.5 98.5 98.5 99.0 99.0 99.5 99.5 99.5 100.0			-														
GE 2  94.1 96.6 97.G 97.U 97.U 98.U 98.5 98.5 98.5 99.D 99.D 99.5 99.5 99.5 100.0																	
	05 1391	74.1	70+0	41.0	31.0	41.0	78.0	48.5	48.5	70.5	44 * f)	44.7	44.0	44.9	44.45	77.3	100 •0
	6F 01	94.1	26.6	97.6	97.0	97.1	98.11	98.5	22. 4	98.5	90.0	00.0	99.0	99.5	99.5	99.5	100.0
				-													

GLOBAL CLIMATOLOGÝ BRANCH USAFETAC AIŘ ŽEÄTHER SERVÎCE/MAC

PERCENTAGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

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ST	M HOLT	unher:	72468C	ITATE	ON NAME:	FŢ	C AR SUN / BI	IAA ZITU	- co			PERIOD HONTH	OF REC		-86 (LST):	0600-00	00
•••				• • • • •	• • • • • • • •												
CE	LING.									IN STATE							
		GΕ	GΕ	GE	GE	GE	er.	GΕ	GE	GE	GE	GE	GE	Gε	GE	GE	GE
Fξ	ET [	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
• • •	•••••	• • • • •	• • • • • • •	•••••	••••••	• • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	••••
110	CEIL I	71.7	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72 • 4	72.4	72.4	72.4	72.4	72.4	72.4
6E	200001	76. Î	77.C	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.8	77.0	77.0	77.0	77.0	77.0	77.0
	180001		77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.5	77.6	77.6	77.6
	160001		77.9	77.9	77.9	77.9		77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
	140001		79.8	79.8	79.8	79.8		79.8	79.6	79.8	79.6	79.8	79.8	79.8	79.8	79.8	79.8
	120001		32.9	83.1	83.1	83.1	23.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
(;F	100001	83.8	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GΕ	90001		85.4	85.6	85.6	85.7		85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85 •8
GÉ	86001		26.1	86.2	86.2	86.4		66.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5
σĒ	7980		86.5	86.7	86.7	86.8		86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86 • 9
GE	10000		87.2	87.3	67.3	87.5		87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE	50001	67.4	88.6	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
GE	45681		86.7	88.9	88.9	89.0		89.0	89.0	89.8	89.0	89.0	89.0	89.1	89.1	89.1	89.1
GE	45001		98.8	90.1	90.1	90.2		90.2	90.2	90.2	90.2	90.2	90.2	90.4	90.4	98.4	96.4
GÉ	35001		93.5	90.6	90.6	90.8		98.8	90.8	90.8	90 • 8	93.8	90.8	90.9	90.9	90.9	90.9
GE	30001		91.5	91.6	91.6	91.7		91.7	91.7	91.7	91.7	91.7	91.7	91.9	91.9	91.9	91.9
00	20001	7012	71.5	7.10	74.0	/1	74.1	74 • 1	/111	7147	71.1	74.1	71	,,,,	7.4.7	,,,,	, ,
GE	25001	90.2	91.6	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.6	92.0
GΕ	10035	90.8	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
GE	18001	90.8	92.4	92.6	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE	15 361	91.7	72.8	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.7	93.7
GΞ	12001	91.3	93.0	93.1	93.3	93.5	93. 8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	94.1	94.1
GE	10001	91.5	93.4	93.5	93.8	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.6	94 •6
6E		91.5	93.7	93.8	94.1	94.4		94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.9	94.9
60		91.5	93.9	94.2	94.5	94.8		95.2	95.2	95.2	75.2	95.2	95.2	95.3	95.3	95.5	95.5
GΕ		91.5	94.1	94.4	94.6	94.9		95.3	95.3	95.3	95.3	95.3	95.3	95.5	95.5	95.6	95.9
G.		91.5	94.1	94.6	94.9	95.3		95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.1	96 •4
65	Sent	91.5	94.5	95.0	95.6	96.0	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	97.0	97.2
űF		91.5	94.5	95.3	95.6	96.1		97.1	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.9	98 •2
GF		91.5	74.5	95.0	95.6	96.1		97.1	97.7	97.7	97.8	97.9	97.9	98.1	98.1	98.2	98.5
GE		91.5	94.5	95.5	95.6	96.1		97.1	97.8	47.8	98.2	98.5	98.5	99.0	99.0	99.2	99.6
61,		91.5	94.5	95.0	95.6	96.1		97.1	97.8	97.8	98.2	98.6	98.6	99.2	99.2	99.4	100.0
GF	-	91.5	<b>74.5</b>	95.0	95.6	96.1		97.1	97.8		98.2	98.6	98.6	99.2	99.2		100.0

CLOBAL CLIMATOLOGY BRANCH

PLRCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86 STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO MONTE: SEP HOURS(LST): 0900-1100 VISIBILITY IN STATUTE HILES CE IL ING GE 6E 3 2 1/2 GE G£ GΕ GE GΕ J GE GE FEET | 10 2 1 1/2 5 4 1 1/4 6 1 3/4 578 1/2 5/16 1/4 ۵ 73.5 73.5 73.5 73.5 73.5 73.5 NO CETE 1 73.5 73.5 73.5 73.5 73.5 73.5 73.5 73.5 73.5 73.5 78.2 78.2 78.2 GE 200091 79.2 78.2 78.2 78.2 78.2 78.2 79.2 78.2 78.2 78.2 78 .2 78.2 78.2 GE 189001 78.3 78.3 78.3 78.3 78.3 78.3 78.3 78.3 GE 160001 78.9 GE 140001 80.0 78.9 78.9 78.9 78.9 78.9 78.9 78.9 78.9 78.9 78.9 78.9 78.9 78.9 78.9 78.9 80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0 85.0 80.0 80.0 80.0 80.0 80.0 80.0 GE 12800 52.2 52.4 82.4 82.4 82.4 82.4 82.4 82.4 82.4 82.4 82.4 82.4 100001 84.4 84.6 84.6 84.6 84.6 84.6 85.5 90001 65.2 85.5 85.5 85.5 85.5 85.5 85.5 GE 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85 .5 87.0 87.C 8C001 86.7 87.0 87.0 87.C 87.0 87.0 87.0 87.0 87.0 87.0 87.0 87.0 87.0 70001 86.7 60001 87.5 87.0 GE 87.0 87.0 87.0 87.0 87.C 87.0 87.0 67.0 87.0 87.0 87.9 87.0 97.8 87.8 87.8 87.8 8.73 87.8 87.8 87.8 87.8 3D 50001 88.9 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 6E 45001 89.7 98.0 90.0 90.0 90.0 99.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 91.1 40501 90.8 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.5 91.5 91.5 91.5 GE 30001 91.8 92.2 92.2 92.3 92.2 92.2 92.2 92.2 92.2 92.2 GE 25001 92.3 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 2000| 92.9 18.01 92.9 GE 93.3 93.3 93.8 93.3 GE 15001 93.3 93.8 94.0 94.0 94. 6 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 GΕ 12001 93.7 94.5 95.1 95.1 95.1 95.1 95.1 10001 93.8 95.6 96.4 GE 95.9 96.0 96.3 96.4 96.4 96.4 96.4 96.4 96.4 96 .4 96.4 \$301 94.1 8901 94.4 95.9 95.9 96.7 96.2 96.1 GE GE 96.2 96.3 96.6 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 97.1 97.3 97.7 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 GE 7001 94.4 96.7 97.4 98.6 98.6 98.6 6E 6001 99.4 96.7 96.7 97.4 97.5 97.7 98 .2 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 6£ 97.7 97.9 5001 94.4 96.8 96. 1 99.0 99.0 99.0 99.0 99.0 76.7 98.6 99.0 99.9 99.0 99.0 96.8 96.8 96.8 97.7 6€ 4301 94.4 97.9 99.0 99.0 96.7 99.0 99.0 99.0 99.0 99.0 99.0 99.0 96.1 98 . 6 30.1 98.2 98.2 96.4 98.4 99.0 tif 74.4 96.7 97.8 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 68 2001 96.7 97.8 99.5 99.5 99.5 99.5 99.5 99.6 99.6 99.6 teer 94.4 96.8 100.0 99.6 GE D1 94.4 96.7 96.8 97.8 98.2 99.0 99.5 99.5 99.6 100.0 98.4 99.5 99.6

TOTAL BUHRER OF OBSERVATIONS: 729

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GLOBAL CLIMATOLOGY BRANCH USAFLTAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

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MAN TO SELECT

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO PEPIOD OF RECORD: 77-86 MONTH: SEP FOURS (LST): 1200-1400 CETÉTRG VISIBILITY IN STATUTE HILES GE GE GE 2 1 1/2 1 1/4 GE GE 3 2 1/2 GE GE 15 GE GE GE GΕ GE GE GE GE GE 5 4 0 10 6 3/4 5/8 1/2 5/16 1/4 NO CEIL 1-69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7 77.3 77.3 77.3 GE 200001 77.3 77.3 77.3 7.7 . 3 77.3 77.3 77.3 77.3 77.3 77.3 77.3 77.3 GE 16808| 77.6 GE 16808| 78.0 77.6 77.6 78.0 77.6 78.0 77.6 78.0 77.6 77.6 78.0 77.6 78.0 77.6 78.0 77.6 77.6 77.6 77.6 77.6 77.6 78.0 78.0 78.0 79.4 78.0 79.4 78.0 79.4 78.0 78.0 78.0 78.0 79.4 79.4 79.4 GE 120001 81.6 81.6 81.6 81.6 81.5 81.6 81.6 81.6 61.6 81.6 81.6 81.6 81.6 81.6 81.6 81.6 6E 100001 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 65 96001 85.4 85.4 85.4 65.4 85.4 85.4 85.4 85.4 85.4 86.1 85.4 85.4 85.4 85.4 85.4 85.4 86.1 85.4 80001 86.1 26.1 86.1 86.1 86.1 86.1 86.1 86.1 86.1 86.1 86.1 86.1 86.1 86.2 GE 70001 86.2 86.2 86.2 86.2 86.2 86.2 86.2 86.2 86.2 86.2 86.2 86.2 GΕ 62001 87.1 87.1 87.1 87.1 67.1 87.1 87.1 87.1 87.1 87.1 87.1 87.1 87.1 87.1 87.1 87.1 GΕ 50001 90.5 90.7 90.7 98.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7 4500| 91.5 4000| 93.5 3500| 94.2 91.7 91.7 93.6 GE 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7 GΕ GΕ 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 95.0 95.0 95.0 95.0 95.0 95.0 95.0 GE 25001 95.3 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.0 95.4 95.4 95.4 95.4 95.4 95.4 95.4 2606| 95.8 1830| 95.8 96.1 96.1 76.1 96.1 96.1 76 • 1 96.1 96.1 96.1 96.1 96 • 1 96.1 96.1 96.1 96.1 96.1 26.1 96.1 76.4 96.1 96.4 6E 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.2 96.4 15001 96.0 96.4 95.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96 .4 12001 96.1 96.4 96.5 96.7 96.7 1001 96.7 97.1 97.4 97.2 97.4 97.4 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.4 97.4 9001 96.7 97.1 97.1 97.2 97.2 97.4 97.4 97.4 97.5 97.4 97.5 97.5 97.6 97.5 97.6 97.5 97.6 97.5 97.6 97.5 97.6 97.5 97.6 97.5 97.6 GE 97.5 97.5 GE 97.6 97.6 60 7531 96.7 97.1 97.2 97.5 97.6 97.8 97.8 97.9 97.9 98.1 98.1 GE 6081 96.7 27.1 97.2 97.0 97.8 97.9 97.9 98.1 98.1 98.2 98.2 98.2 98.2 98.2 98.2 98.2 97.4 5001 96.7 97.5 98.5 99.0 99.0 99.0 GE 98.1 78 . 6 98.6 98.7 98.7 99.0 99.0 99.0 99.0 99.0 CC 4001 96.7 97.4 97.5 99.4 99.4 98.1 99.2 99.2 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.4 3301 96.7 2301 96.7 97.5 97.5 GE 97.4 98.1 99.0 99.2 99.2 99.4 99.7 99.7 99.7 99.7 99.7 97.4 ٤C 99.0 99.2 98.1 99.2 99.4 99.4 99.7 99.7 99.7 100.0 100.0 100.0 100.0 66 1001 96.7 97.5 99.4 49.4 99.7 98.1 99.2 99.7 99.7 100.0 100.0 100.0 100.0

TOTAL NUMBER OF ORSERVATIONS: 719

97.4

27.5

99.6

99.2

99.2

99.4

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UI 90.7

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86
HONTH: SEP HOURS (LST): 1500-1700

CF.	IL ING		• • • • • •	•••••	•••••	• • • • • •				IN STAT			• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • •
	in I	GE	65	GΕ	GΕ	GE	GE	39	GΕ	GE	GE	GE	GE	GΕ	GΕ	GE	GΕ	
		10	٠,٠	5	- 4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	ō	
					• • • • • •													
20	CEIL 1	63.0	63.0	63.0	63.0	63.0	63.C	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	
			*															
	200001		73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73 • 1	73.1	73.1	73.1	73.1	73.1	73.1	
	18000		73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	
	160001		73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
	148091		76.2	76.2	76 • 2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	
σE	120001	80.3	80.3	80.3	80.3	83.3	8C.3	80.3	80.3	80.3	86.3	80.3	80.3	89.3	80.3	80.3	80.3	
p. 54	100001	07 5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	
GE.	90001		93.8	83.8	83.8	83.8	83.8	83.9	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	
65	86001		84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	
65			84.8	84.8	84.8	84.8	84.8	84.8	94.9	34.8	94.8	84.8	84.8	84.8	84.8	84.8	84.8	
GE GE			87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	
υÇ	00001	01.2	01.2	01.42	7144	01.2	01+2	01.4	01.2	01.4	01+2	01.4	01+2	01.2	0112	01.2	01.4	
GE	50001	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	
GΕ	45001	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
66	40001		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
68	35301	95.Ŝ	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
68	30091	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
								- '										
GΕ	25001	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
GE	20001	96.6	96.6	96.6	96.6	96.6	96 • 6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
GE	1800}	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96 •6	
ĿΕ	15001	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
υE	12001	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
GE	10001		27.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE		97.3	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
GE		97.3	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.6	97.8	97.8	97.8	97.8	
6E		97.3	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
Gξ	6361	97.3	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.1	1.39	98.1	98.1	98 • 1	78.1	98.1	98.1	
Gξ	sont	97.3	97.8	97.8	98.1	98.4	96.6	98.7	98.7	48.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
33		97.3	97.6	97.8	98.1	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE		97.3	97.8	97.8	98.1	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GΕ		97.3	97.8	97.8	98.1	98.9	79.C	99.4	39.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GΕ		97.3	97.6	97.8	96.1	98.9	99.6	99.4	99.5	99.5	100.0	102.0	100.0	100.0	100.0	160.0	100.0	
٠.			,			,,	.,	,,			340.0		100.0					
GF	61	97.3	97.8	97.8	96.1	48.9	99.6	99.4	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

GLOBAL CLIMATOLOGY BRANCH

PERCENTAGE FREQUENCY OF OCCUPPENCE OF CEILING VERSUS VISIRILITY
FROM FOURLY OBSERVATIONS

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STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 77-86 HONTH: SEP HOURS (LST1: 1800-2000 CE IL ING VISIBILITY IN STATUTE MILES IN I GE FEET I 10 CĘ GŁ GE GE GE Gξ GE E GE GE 2 1 1/2 1 1/4 **-**5 4 3 2 1/2 6 3/4 5/8 1/2 5/16 ٥ 60 CEIL 1 72.2 75.2 70.2 79.2 75.2 70.2 70.2 79. 2 70.2 70.2 79.2 70.2 79.2 70.2 70.2 70.2 GE 200001 75.3 75.3 75.3 75.3 75.3 75.3 75. 3 75.3 75.3 75.3 75.3 75.3 75.3 75.3 18100 75.7 75.3 75.3 75.3 75.3 75.3 75.3 75.3 75.3 75.3 75.3 75.3 75 •3 75 •3 75.3 75.3 75.3 75.3 SE 163CO| 75.3 75.3 75.3 75.3 75.3 75.3 75.3 75.3 75.3 75.3 75.3 75.3 GE 140001 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8 6E 12000| 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.2 83.2 GE 100001 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 6E 6E 90001 84.3 84.3 84.3 84.3 84.3 84.3 94.3 84.3 84.3 84.3 84.3 84.3 84.3 80001 65.1 85.1 85.1 25.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 25.9 85.9 85.9 85.9 87.2 60001 87.2 87.2 GE 50001 51.8 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 GE 45681 92.3 46381 94.7 92.8 95.2 92.8 95.2 92.8 92.8 92 · 8 95 · 2 92.8 92.8 92.8 92.8 92.8 92.8 92.8 92.8 92.8 92.8 95.2 95.2 95.2 GE 35001 94.7 25.2 95.2 95.2 95.2 30001 94.7 95.2 95.2 95.2 95.2 95. 2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95.2 25401 95.5 96.0 97.1 GE 96.0 96.G 97.1 96.0 97.1 96.6 96.0 96.11 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 2000 96.5 18001 96.5 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 GF 97.1 97.1 97.1 97. 1 91.1 97.1 97.1 97.: 97.1 97.1 97.1 97.1 97.1 97.1 68 1500| 97.3 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 66 12001 97.3 98 • 1 98.1 98 - 1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 10001 97.3 78.1 98.4 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 9301 97.3 98.4 98.7 GE 98.1 98.4 98.7 98.7 98.7 98.7 98.7 98.7 98.7 FOUL 97.3 96.7 GΕ 98.4 98.9 98.9 98.9 99.5 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 7001 97.3 6001 97.3 98.4 98.7 96.9 99.5 99.5 99.5 99.5 99.5 99.5 99.5 GE 99.5 98.4 98.7 98.7 98.9 98.9 99.2 99.5 99.5 99.5 99.5 99.5 99.5 GE Seal 97.3 98.4 98.7 98.7 99.2 99.2 99.5 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 G£ 41101 97.3 98.4 98.7 98.7 99.2 99.2 99.5 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 GE 3001 97.3 98.4 98.7 98.7 99.2 99.5 99.7 99.7 99.7 160.0 100.0 100.0 100.0 100.0 100.0 99.2 2001 97.3 ii. 92.4 98.7 98.7 99.2 99.5 99.7 99.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL HUMBER OF OBSERVATIONS: 376

01 57.3

98.4

98.4

98.7

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99.2

99.2

99.5

99.5

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GLOUAL CLIPATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STAT	IOU II	UKBER:	72466C	STATI	: 3HAH HO	FŢ	CARSON/8	UTTS AAI	F CO				OF REC				
													: SEP			2100-23	
CCIL		• • • • • •								IN STAT			• • • • • • •	•••••	•••••	• • • • • • •	••••
11	r I	GΕ	GE.	GΣ	GE	GE	СC	GΕ	GΕ	GΕ	GE	Gξ	GE	GE	GE	GΕ	GΕ
FEE	.τ . [	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
• • • •	• • • • •	• • • • • •	• • • • • • •	•••••	•••••	• • • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	•••••	•••••
110 C	EIL I	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
6E 2	100001	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 1	10093	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75 -5
	60031		75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75 •5
	40001		76.6	76.6	76.6	76.6		76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76 .6
GE :	schel	82.8	82.8	82.8	82.8	82.8	92.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1	10000	55.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85 •4
6E	90001	85.4	35.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85 . 4	85.4	85.4	85.4	85.4	85.4	85 •4
6E	10038	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.9	87.0	87.0	87.0	87.0	87.0	87.0
GΕ	70001	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.€	87.G	87.0	87.0	87.0	97.0	87.0	87.0	87.0
GΕ	60001	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE.	50001	91.7	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE	45301	92.2	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93:2	93.2	93.2	93.2	93.2	93.2
	40001		95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95 •8
	3500		95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
32	10001	95.3	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96 •4
GF.	25081	95.8	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
	10005		76.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	18601	96.4	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GC.	15031		97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE.	12001	96.9	97.9	98.4	98 • 4	98.4	98.4	98.4	98.4	98.4	98 • 4	98.4	98.4	98.4	98.4	98.4	98 •4
66	10001	96.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	93.4	98.4	98.4	98.4	98.4	98 •4
GE		96.9	97.9	98.4	98.4	98.4	98.4	48.4	98.4	98.4	98 • 4	98.4	98.4	98.4	98.4	98.4	98 • 4
65		96.9	97.9	98.4	95.4	98.4	98.4	93.4	98.4	98.4	98.4	98.4	98.4	98.4	98 • 4	98.4	98 •4
39		96.9	97.9	98.4	96 • 4	98.4		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98 •4
GE	6301	96,9	98.4	99.0	99•0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE		96.9	98.4	99.0	99•6	99.0	99.0	99.0	99.0	99,0	99.5	99.5	99.5	99.5	99.5	99.5	99 •5
CE	4001		78.4	99.4	99.3	99.0	99.0	99.0	99.0	99.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5
υĽ		96.9	78.4	99.0	99.0	99.0		99.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GC		96.9	78 • 4	97.0	99.0	99.0		99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE,	1.401	94.9	98,4	99.6	99.6	99.0	99.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60	31	95.9	98.4	99.5	99.0	99.3	99.0	99.5	99.5	99.5	100.0	107.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS:

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GLOBAL CLIMATOLOGY BRANCH
US/FETAC
FROM HOURLY OBSERVATIONS
AIR JEATHER SERVICE/MAC
PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
OBSERVATIONS

STATION NUMBER: 724682 STATION NAME: ET CARSON/BUTTS NAF CO PERIOD OF RECORD: 77-86 HONTH: SEP HOURS(LST): ALL	
CEILING VISIBILITY IN STATUTE MILES	• • • • • • • • • • •
IN 1 SC SE SE SE SE SE SE SE SE SE SE SE SE SE	GE
FEET   10 6 5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 5/16 1/4	
	_
NO CEIL   70.0 70.2 70.2 70.2 70.2 70.2 70.2 70.2	70.2
6£ 2CC001 76.1 76.4 76.4 76.4 76.4 76.4 76.4 76.4 76.4	76.4
GF 18COV 76.4 76.7 76.7 76.7 76.7 76.7 76.7 76.7	76.7
05 10000 76.7 77.0 77.0 77.0 77.0 77.0 77.0	
GE 140001 78.2 78.5 78.5 78.5 78.5 78.5 78.5 78.5 78.5	
GF 120001 81.8 92.1 82.1 82.1 82.1 82.1 82.1 82.1 82.1 8	82.1
UC 10000   84.1 84.4 84.5 34.5 84.5 84.5 84.5 84.5 34.5 84.5 84.5 84.5 84.5 84.5	24 <b>.</b> 5
GE 9000 84.8 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85	85.2
GE 8700 85.7 86.0 85.1 86.1 86.1 86.1 86.1 86.1 86.1 86.1 86	86.1
GE 7050 85.9 86.2 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86.3	
UE 60001 87.1 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4	87.5
	0115
65 5000  89.8 93.2 93.2 93.2 93.3 93.3 93.3 93.3 93.3	90.3
68 45-6 90.4 90.8 90.9 90.9 90.9 90.9 90.9 90.9 90.9	
GC 403C 92.0 92.5 92.5 92.5 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6	
GE 3506 92.7 93.1 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2	_
GE 3000 93.7 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8	93.9
GC 25u01 93.7 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3	94.4
6E 2001 94.3 94.9 95.3 95.0 95.0 95.0 95.0 95.0 95.0 95.0 95.0	95.0
UE 16JQ1 94.3 94.9 95.2 95.3 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1	95.1
uf 15301 94.6 75.4 95.4 95.5 95.6 95.6 95.6 95.6 95.6 95.6 95.6	95.7
35 1200 94.6 95.5 95.6 95.7 95.8 95.9 95.9 96.0 96.0 96.0 96.0 96.0 96.0 96.0	96.1
GE 18391 95.0 76.1 96.2 96.4 96.5 96.6 96.6 96.7 96.7 96.7 96.7 96.7 96.7	96.7
UL 9301 95·1 96·3 96·4 96·6 96·7 96·8 96·8 96·9 96·9 96·9 96·9 96·9 96·9	96.9
JE 9301 95.2 96.6 96.7 96.9 97.3 97.1 97.2 97.3 97.3 97.3 97.3 97.3 97.4 97.4 97.4	97.4
bf 7031 95.2 96.6 96.8 97.1 97.2 97.3 97.5 97.6 97.6 97.6 97.6 97.6 97.7 97.7 97.7	97.8
65 (001 95.2 96.7 96.9 97.2 97.4 97.5 97.7 97.8 97.8 97.5 97.9 97.9 97.9 97.9 97.9	98.0
GE 537  95.2 96.8 97.1 97.5 97.8 96.0 98.3 98.4 98.4 98.5 98.5 98.5 98.5 98.5 98.5	
GC 4001 95.2 96.6 97.1 97.5 98.1 95.5 98.6 98.9 95.9 99.0 99.0 99.0 99.0 99.0 99.1	99 •1
GE 33C[95.2 96.6 77.1 97.6 98.2 98.3 98.7 99.0 99.0 99.2 99.2 99.3 99.3 99.3 99.3	99.4
6. 05. 05. 05. 06. 05. 05. 05. 05. 05. 05. 05. 05. 05. 05	99.7
GC 1'91, 2 96.8 97.1 97.6 98.2 98.3 98.8 99.1 99.4 99.5 99.5 99.7 99.7 99.8	100.0
6E 11 95.2 96.8 97.1 97.6 98.2 98.3 98.8 99.1 99.1 99.4 99.5 99.5 99.7 99.7 99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 3571

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION	NAME: FI CARSCH/BUT	TS AAF CO	PERIOD OF RECO	RD: 77-86
			HONTP: OCT	HOURS(LST): 0300-0500
CE IL ING		VISIBILITY IN STATUTE HI	ILES	

	ILING	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	•••••		BILITY				• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
		GΕ	GΕ	GΕ	Gξ	GΕ	6E	GE	GE	GE	GΕ	GE	GΕ	Gξ	GE	GΕ	GΕ
		10	6	5	4	3	2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
• •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•• •••	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • •
110	CEIL I	71.3	72.9	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
															,		
GΕ	200001	72.9	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75%1	75.1	75.1	75.1	75.1	75.1
	180001		75.1	75.7	75.7	75.7	75.7	15.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
	16003]		75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76 •2
	140901		76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GΕ	150001	75.7	77.3	77.9	77.9	17.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE	100001	78.5	80.1	89.7	80.7	80.7	89.7	89.7	80.7	80.7	80.7	89.7	80.7	80.7	88+7	80.7	80.7
GE	90001	78.5	1.08	80.7	80.7	80.7	30.7	80.7	89.7	89.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
ĿĘ	80001	78.5	80.1	83.7	80.7	80.7	80.7	89.7	80.7	80.7	90.7	80.7	80.7	80.7	20.7	80.7	80.7
ьĘ	70901	78.5	80.1	80.7	80.7	80.7	80.7	83.7	89.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
βĘ	6300	79.0	8C.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE.	55001	79.6	81.2	81.8	91.6	81.8	81.8	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
65	45301		81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GĒ	40001		33.4	84.0	84.0	84.0	84.C	84.0	84.0	84.0	84.0	84.0	84.0	94.0	84.0	84.0	84.0
GΕ	35301	81.8	94.5	85.1	85.1	85.1	65.1	85.1	35.1	85.1	85.1	85.1	85 • 1	85.1	85.1	85.1	85 -1
GE	39001	82.9	85.6	86.2	86.2	86.2	86.2	86 .2	85.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86 •2
	45.00	a. <b>a</b>															
66	25001		36.7	87.3	87.3	87.3	87.3	97.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE	18001	54.0	87.8 27.8	83.4 88.4	88.4	88.4	38.4	88.4	88 • 4	ã8 • 4	98.4	89.4	88.4	88.4	88.4	88.4	88 • 4
GE GE	1500		88.4	89.0	88.4 89.0	88.4	88.4 89.0	88.4 89.0	88.4 89.0	88.4 89.0	88 • 4 89 • 0	88.4 89.0	88 • 4 89 • 0	88.4 89.3	88.4 89.0	88.4 89.0	88 •4 89 •0
SE	12001		89.5	90.1	90.1	98.1	90.1	90.1	90.1	99.1	90.1	99.1	93.1	90.1	90.1	93.1	90.1
U.	12001	0.74 4	07.3	70.1	70.1	70+1	704 X	70.1	70.1	70.1	70 + 1	7311	40.1	70.1	7011	73.1	70.1
GE		85.6	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	01.2	91.2	91.2
υÇ		85.6	90.6	91.7	91.7	91.7	91.7	91.7	91.7.	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE		25.6	91.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.8	92.8	92 •8
68		85.6	91.2	92.3	92.3	92.3	72.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.8	92.8	92 •8
6Ç	6931	£6.2	91.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.9	93.9	93.9
GE	\$001	86.2	92.3	93.7	93.9	93.9	93.9	93.9	93.9	93.9	73.9	93.9	93,9	93.9	94.5	94.5	94.5
68	4001	86.2	72.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.5	94.5	95.0
50	3001	86.2	92.3	93.9	94.5	95.0	95 · C	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.6	95.6	96 •1
GE		86.2	92.3	93.9	94.5	95.3	95.0	95.0	95.0	95.0	95.0	95.6	95.6	95.6	96.1	96.1	97.8
Œ	1901	85.2	92.3	94.5	95.8	95.6	95 • 6	95.6	95.6	95.6	95.6	96.1	96.1	96.7	97.2	97.8	100 •0
GĘ	٦I	86.2	72.3	94.5	95.0	95.6	95.6	95.6	95.6	95.6	95.6	96.1	96.1	96.7	97.2	97.8	100.0

TOTAL NUMBER OF OBSCRIATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR REATHER SERVICE/HAC

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME; FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86
-MONTH: OCT HOURS(LSI): 0600-0800

1	L 1116							A 121	BILITY	IN STATE	ITE HILE	: S					
I FE	N I	10 6E	GE 6	GE S	GE 4	GE 3	6E 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GΕ 5/8	GΕ 1/2	GE 5/16	GE 1/4	6 E 0
•••		• • • • • • ,		• • • • • •	, . , .					• • • • • • •			• • • • • • •	• • • • • •	• • • • • •	• • • • • •	
NO	CEIL	65.3	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GΕ	200001	72,4	72.6	72.6	72.8	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
6E	180001	73.0	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
	160001		73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
	140001		75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
	12000		77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
-	,.,,			,,,,	,		1147	,	,	,,,,		• , • ,	,	,	,	•••	,
65	100001	79.4	79.7	79.7	79.8	79.8	19.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE	90001	77.8	80.1	80.1	80.2	80.2	80.2	80.2	80.2	89.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GΕ	8000	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE	70001	81.3	31.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
6E	60001	82.3	33.1	83.1	83.2	83.2	93.2	83.2	93.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
	•									•							
űξ	50001	83.3	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9
ĿΕ	45001	93.3	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9
GE	40001	24.4	84.7	84.7	85 • J	85.0	95.0	85.0	85.0	85.0	85.C	85.9	85.0	85.0	85.0	85.0	85 -1
GE	10028	85.4	35.6	85.6	85.9	85.9	85.9	85.9	85.9	35.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
GE	30001		86.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.3
	,,,,,		V		****		3.42	0	٠	0	٠.٠.	5,11		V			0
úΕ	25301	66.7	a7.5	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88 - 1
GE	20001	87.3	98.2	88.3	88.6	88.6	38.6	88 • 6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	8 . 6 8
65	1800	87.3	83.5	88.6	86 . 9	88.9	36.9	88.9	88.9	88.9	88.9	89.9	88.9	88.9	88.9	88.9	89.0
GΕ	1503		88.6	83.8	89.0	89.3	89.3	89.3	89.3	87.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
ίĒ	12001		89.4	89.6	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	99.1	90.1	90.1	90.2
				0,10	4,14	, , , ,		,	, , , ,		,,,,,		7011	,,,,,	,,,,		, , , , ,
SE	1960	68.9	70.5	90.8	91 • 1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.6
GE	9301	89.0	93.8	91.3	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.1
GE	5001	67.4	91.3	91.9	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.7
65	7001	84.4	91.3	91.9	92.1	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.7	92.7	92.7	92.8
GE		89.8	92.3	93.1	93.4	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94 •2
				. •		, •		,,,,									,
65	1063	8.93	92.3	93.1	93.4	94.3	94.3	94.4	74.4	94.4	94.6	94.6	94.6	94.7	94.9	94.9	95.0
GE	4301	89.8	92.4	93.2	93.6	94.9	95.0	95.4	95.4	95.4	95.5	95.7	95.7	96.1	96.2	96.2	96.6
Gζ	3001	98.0	72.5	93.4	93.8	95.3	95.5	96 . 1	96.1	96.1	96.3	96.5	76.6	97.0	97.3	97.3	97.8
GΞ	2001	90.0	92.5	93.4	93.8	95.3	95.5	96.2	96.2	95.2	96.5	96.6	96.7	97.4	97.7	98.0	98.9
45		92.0	72.5	93.4	93.8	95.4	95.7	96.3	96.3	96.3	96.7	96.9	97.0	97.7	98.0	98.4	100.0
	•							•									
GE	91	97.0	92.5	93.4	93.8	95.4	95.7	96.3	96.3	96.3	26.7	96.9	97.0	97.7	98.0	98.4	100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR YEATHER SERVICC/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ILING	• • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • • •			IN STATE			• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
	GE	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GΕ	GE	GE	GΕ	GE
	13	- 6	5			2 1/2		1 1/2		1	3/4		1/2	5/16	174	0
																• • • • • •
CEIL	68.1	68.2	68.3	68 • 3	68.3	66.3	68.3	63.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68 •5
									^	~~ ~	aá a					
200001		76.7	76.9	76.9	76.9	76.9	76.9	77.0	77.9	77.C	77.0	77.0	77.0	77.0	77.9	77.0
180001		77.1	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4 78.5	77.4	77.4	77.4
160001		78.2	78.3	78.3	78.3	76.3	78.3	78.5	78.5	78.5	79.5	78.5		78.5	78.5	78 -5
14000		81.2	81.3	81.3	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
12006	82.8	32.9	83.1	83.1	83.1	83.1	83.1	83.2	93.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2
100001	84.6	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
90001		84.7	84.8	84 • 8	84.8	84.8	84.8	85.3	85.0	85.0	85.0	85.3	85.0	85.0	85.0	85.0
90001 80001		95.8	85.9	85.9	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
70091		36.6	86.7	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
60001		86.6	86.7	86.7	86.7	96.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
SQUEL		87.6	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
45001	87.7	28.0	88.1	98.1	88 • 1	88 • 1	1.38	88.2	88.2	98.2	89.2	88 • 2	88.2	88.2	88.2	88 •2
40001	89.4	98.6	8.88	88.8	88.8	88.8	88.88	88.9	88.9	88.9	88.9	88.9	88.9	98.9	88.9	88.9
35031	87.4	69.7	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
36991	90.5	71.1	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
65 56 1	^															
2500 l 2000 l		91.1 91.6	91.3 91.9	91.3	91.3	91.3	91.3	91.5 92.0	91.5 92.0	91.5 92.0	91.5 92.0	91.5 92.0	91.5 92.0	91.5	91.5	91.5
19001				91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0		92.0 92.0	92.0 92.0
15001		91.6	91.9	91.9	91.9	91.9	91.9		93.2				93.4	92.0 93.4	93.4	
12001		92.3	92.7	92.7	92.6	93.0	93.0	93.1		93.4	93.4	93.4		93.4	93.4	93.4
11.001	71.1	92.4	93.0	93.0	93.1	93.2	93.2	93.4	93.5	93.6	93.6	93.6	93.6	73.0	42.0	93.6
10001	92.7	94.5	94.7	95.0	95.3	95.4	95.4	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
	92.8	94.3	95.0	95.3	95.5	95 • 7	95.7	95.9	96.1	96.3	26.3	96.3	96.3	96.3	96.3	96.3
8001	92.8	74.3	95.0	95.4	25.7	95.8	95.8	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
7001	93.0	94.7	95.4	95.8	96.2	96.3	96.3	96.6	96.8	97.2	97.2	97.3	97.4	97.4	97.4	97.4
6001	93.1	34.9	95.9	96.5	97.0	97.2	97.2	97.4	97.6	98.0	98.0	98.1	98.2	98 • 2	98.2	98 .2
	93.2	95.0	96.1	96.6	97.2	97.4	97.4	97.7	97.9	98.2	99.2	98.4	98 • 5	98 • 5	98.5	98 •5
	93.2	75.1 75.1	96 • 2	96 • 8	97.4	97.6	97.6	97.8	98.0	98.5	99.5	98 • 8	98.9	98.9	98.9 99.6	98.9 99.6
	93.2		96.2	96.8	97.6	97.7	98 • 0	98.2	98.4	98.9	99.2	95.5	99.6 99.7	99•6 99•7	99.7	99.7
	93.2	95.1 95.1	96.2	76.8	97.6 97.6	97.7	98.0 98.0	98.2 98.2	98.4 98.4	98.9 98.9	99.2 99.2	99.5 99.5	99.7	99.7	100.0	
1331	49.4	42. I	96.2	96.8	41.6	97.7	48.0	49.5	30.4	78.7	77.2	44.2	94.1	44.1	100.0	100.0
31	93.2	95.1	96.2	96.8	97.6	97.7	98.3	98.2	98.4	98.9	99.2	99.5	59.7	99.7	100.0	100.0

GEOBÂL CEIMATOLOGY BRANCH USAFÉTAC ATR: KEATHER SERVICE/MAC

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

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FEET   10
RO CEIL   67.4 67.7 67.7 67.7 67.7 67.7 67.7 67.7
RO CEIL   67.4   67.7
GC 298021 75.8 76.1 76.1 76.1 76.1 76.1 76.1 76.1 76.1
GE JACUCI 76.2     76.5     76.6     76.
GE JACUCI 76.2     76.5     76.6     76.
GE 16001 76.3       76.6 </td
6C 146001 79.6 79.9 79.9 79.9 79.9 79.9 79.9 79.9
GE 122001 81:3
GE 90001 84.8 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85
GE 90001 84.8 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85
GE 80001 86.2 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5
UE 7ABUL 86.6 86.9 86.9 86.9 86.9 86.9 86.9 86.9
6E 6ESQI 87.C 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3
GE 50001 89.1 69.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 8
GF 450C  90.2 90.4 '90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4
6E 40001 91.8 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1
GE 35/01/92.7/ 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93.
GE 3800 93.2 93.8 94.8 94.0 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1
66 25801 93.6 94.7 94.6 94.8 94.9 94.9 94.9 94.9 94.9 94.9 94.9
6E 25001 93.7 94.8 94.9 94.9 95.2 95.2 95.2 95.2 95.2 95.2 95.2 95
6E 18:00[ 93:8 94:9 95:2 95:2 95:5 95:5 95:5 95:5 95:5 95
UE 1500  93.8 95.5 95.9 95.9 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96
GE 12001 93.E 95.E 96.2 96.2 96.6 96.6 96.6 96.6 96.6 96.6
GE 1858 54.3 96.6 97.3 97.4 97.8 97.8 97.9 97.9 97.9 97.9 97.9 97.9
66 9001 94.3 96.6 97.3 97.4 97.8 97.8 97.9 97.9 97.9 97.9 97.9 97.9
GE 800  94.3 97.1 97.6 98.1 98.5 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6
GE 7G01 94.3 97.1 9.7.8 98.1 98.5 98.5 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6
6E 6001 94.3 97.3 97.9 96.2 98.6 98.6 98.8 98.8 98.8 98.8 98.8 98.8
66 5001 94.3 97.3 97.9 98.2 98.9 98.9 99.0 99.0 99.0 99.0 99.0 99.0
GE 4081 94.3 97.3 97.9 98.2 98.9 98.9 99.0 99.0 99.2 99.2 99.2 99.2 99.2 99
65 3001 94.3 97.3 97.9 98.2 99.2 99.2 99.3 99.3 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7
GE 2001 44.3 97.3 97.9 98.2 99.2 99.3 99.3 99.6 99.7 99.7 99.9 100.0 100.0 100.0
GE 1001 94.3 97.3 97.9 98.2 99.2 99.2 99.3 99.6 99.7 99.7 99.9 100.0 100.0 100.0 100.0
GE GI 94.3 97.3 97.9 98.2 99.2 99.2 99.3 99.6 99.7 99.7 99.9 100.0 100.0 100.0

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CCILING VERSUS VISIBILITY-FROM POURLY OBSERVATIONS

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PERIOD OF RECORD: 77-86 STATION NUMPER: 7246EC STATION NAME: FT CIRSON/BUTTS AAF CO MONTH: OCT HOURS(LST): 1500-1700 VISIBILITY IN STATUTE HILES CE IL ING GΕ GE FÊĘT 3 2 1/2 1 10 - 6 ¯**5** 4 2 1 1/2 1 1/4 3/4 5/8 1/2 5/16 1/4. 0 HO CEIL 1 67.0 67.0 .67.Ó 67.0 67.0 67.0 67.0 67.G 67.0 67.0 67.0 67.0 67.0 67.0 67.0 67.0 75.1 75.1 75.1 75 - 1. 75.1 GE 200001-75.1 75 . 1 75.1 75.1 75.1 75.1 75.1 75 .1 75.1 GE 188001 75.1 GE 168001 75.4 75.1 75.1 75.1 75. 1 75.1 75.1 75.4 75.1 75.1 75.4 75 • 1 75 • 4 75 • 1 75 • 4 75.1 75.4 75.1 75 •1 75 •4 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.4 14609 78.6 78.6 78.6 78.6 76.6 78.6 78.6 78.6 78.6 78.6 78.6 78.6 78.6 78.6 120001 80.0 30.0 80.0 80.0 60.0 80. G 80.0 80. G 80.0 8C.0 0.03 80.G 80.0 80.0 80.0 0.08 10000| 61.9 81.9 81.9 81.9 61.9 81.9 81.9 81.9 81.9 81.9 81.9 81.9 81.9 81.9 81.9 GE 90001 62.9 82.9 82.9 82.9 82.9 82.9 82.9 82.9 82.9 82.9 82.9 82.9 82.9 82.9 84.0 82.9 82.9 GE GE 80001 e3.6 84.0 84.0 84.0 84.0 84 . C 84.0 84.0 84.0 84.0 84.0 84.0 84.0 84.0 84.0 70001 84.1 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3 GE 60001 85.7 85.9 85:9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 GE 98.9 88.9 88.9 88.9 88.9 88.9 88•9 90•2 50001, 88.6 88.9 88.9 98.9 88.9 88.9 88.9 88.9 88.9 9G• 2 92• 9 GE 45001 89.7 90.5 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 GE 46001 92.1 92.4 92.7 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 94.9 95.4 35001 93.7 94.3 94.6 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 3000 95.4 95.4 95.4 95.4 95.6 95.6 95.6 95.6 95.6 95.6 95.6 GE 25601 94.9 95.4 94.0 95.9 96.0 96.0 96.2 96.0 96.0 96.0 96.2 96.2 96.2 96.2 96.2 96.2 95.4 20001 94.3 96.0 96.5 96.7 96.7 96.8 96.7 96.7 96.7 96.8 96.8 96.8 96.8 96.8 96 .8 1800| 94.3 1500| 94.8 GE 96.5 97.0 96.7 97.1 96.7 97.1 96.8 97.3 96.0 96.7 96.7 96.7 96 . 8 96.8 96.8 96.8 96.8 96.8 95.9 96.5 60 97.1 97.1 97.1 97.3 97.3 97.3 97.3 97.3 97.3 12001 95.2 95.2 97.0 97.5 9 10001 96.3 97.6 97.6 97.6 97.6 97.6 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 GE. GE 9031 95.4 97.1 97.6 97.6 97.8 97.8 97.8 97.8 97.9 97.9 97.9 97.9 96.5 97. Š 97.8 97.9 97.9 97.9 97.9 76.5 97.9 97.9 97.9 97.8 97.8 97.9 97.9 GΕ 7001 95.6 97.8 97.9 97.9 97.9 96.7 97.9 98 - 1 97.9 98.1 98.1 98.1 98.1 98.1 98.1 6001 95.6 GE 5001 95.6 97.3 97.9 98.4 98.4 98.6 98.6 93.6 98.7 93.7 98.7 98.9 98.9 98.9 98.9 GE GE 4031 95.6 3001 95.6 96.7 96.7 97.3 97.3 97.9 97.9 98.9 98.9 98.9 99.0 99.2 99.4 99.2 99.4 99.2 99.4 99.4 99.7 100.0 99.7 100.0 99.7 100.0 99.7 100.0 99.4 99.7 95.6 99.4 99.7 130.0 100.0 100.0 100.0 1001 95.6 GF 25.7 97.3 98.9 99.4 99.4 99.4 99.7 99.7 100:0 100.0 100.0 100.0 GE 101 95.6 96.7 97.3 77.9 98.9 99.0 99.4 99.4 99.7 99.7 99.7 100.0 100.0 100.0 100.0

GLOBAL CLIMATGLOGY BRANCH USAFETAC .AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF COCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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						·								10000		1000-20	•••••
	LING			••••			,	V 15 I	BILITY	IN STAT	HTC MTI	2.2					
		GŁ	GE	GE	GE	GE	GΕ		GE		GE	ĞE	GE	GE	GΕ	GE	GE
		10	-6	5	4						1	3/4	5/8	172	5/16	1/4	0
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								•							•		
110	CEIL	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GF	20000	80.9	21.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	91.1	81.1	81.1	81.1	21.1	81.1	81.1
	18500		81.1	81.1	81.1	81.1	814.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
	16200		31.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
	14000		23.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	93.5	83.5	83.5-	83.5	83.5	83.5	83.5
	12000		85.1	85.1	85.1	85.1	55.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	-85 - 1	85.1	85.1
								.,		••••		•					
SE	19300	86.4	86.7	86.7	86.7	86.7	86.7	86.7	867	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE		87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	Ê7∙8	87.8	87.8
GE		97.8	88.0	0.86	86.0	88.0	88.0	0.68	98.G	88.0	88.3	83.0	88.0	88.9	88.0	0.83	88.0
GE		87.8	98.0	88.3	88.0	88.0	88: 0	28.0	88.0	88.0	2.63	88.0	88.0	88.0	0.68	88.0	88.0
GE		82.3	89.6	38.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.6	88 + 6	89.6	88.6	88.6	88 .6
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GE	5000	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE	4500	91.8	92.0	72.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE	4208	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE	3500	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94:9	94.9	94.9
GΕ	3000	94.9	95.2	95.2	95.5-	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
	•																
GE	2500	95.2	96.0	96.0	96 • 3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96 3
GE	2000	95.2	96.5	96.5	96 • 8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96 •8
GF.	1803	95.2	96.5	96.5	96 • 8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96 •8
GΕ	1590	96.0	97.3	97.3	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE	1233	96.3	97.9	9.7.9	98 • 1	93.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GΕ	1000	96.5	78.1	98.1	98.7	98.9	98.9	98.9	98.9	98.9		98.9	98.9	98.9	98.9	98.9	98.9
GE		97.1	98.9	98.9	99.5	99.7	99•7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GΕ		97.1	95.9	98,9	99.5	99.7	99.7	99.7	99.7	99.7	09.7	99.7	99.7	99.7	99.7	99.7	99.7
Gξ	700	97.1	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99 •7
GΕ	630	97.1	99.2	99.2	99.7	100.0	100.9	100.0	100.0	130 · G	100.0	107.0	100.0	100.0	100.6	100.0	100.0
GF,		97.1	99.2	99.2	99.7	100.9		100.0	100.0							100.0	100.0
GΕ		97.1	99.2	99.2		100.0	10640	103.0	100.0	100.0	100.0		100.0	190.0	100.0	100.0	160.0
GE		97.1	99.2	99.2		100.0	100.0	193.0	199.0	100.0	170.0		100.0	100.0		100.0	100.0
દદ		97.1	99.2	99.2	99.7	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	100	97.1	99.2	99.2	99.7	100.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.3	100.0	100.0	100.0
GΕ	9	97.1	99.2	99.2	99.7	100.0	100.0	100.0	100.0	106.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR MEATHER SERVICE/HAC

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STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO. PERIOD OF RECORD: 77-86 MONTÉ: OCT HOURS(LST): 2100-2300 CE IL IKG VISIBILITY IN STATUTE HILES GE 1 1/,2 GE GE GE ßE GΕ GE .1 1/4 FEET 2 1/2 2 3/4 1/4 10 6 3 5/8 1/2 5/16 40 CEIL 4 71.9 72.9 72.9 7Ź.9 72.9 72.9 72.9 72.9 72.9 72.9 72.9 72.9 72.9 72.9 72.9 72.9 200001 -78.8 79.8 79.8 79.8 79.8 79.8 79.8 79.8 79.8 79.8 79.8 79.3 79.8 79.8 79.8 79.8 79.8 79.8 79.8 93.3 80.8 83.3 80.8 83.3 80.8 83.3 80.8 83.3 80.8 83.3 80.8 83.3 GE 160901 8.03 8:03 8.98 89.8 80.8 80.8 80.8 80.8 140001 93.3 83.3 83.3 83.3 83.3 83.3 83.3 83.3 120001 85.2 100001 87.2 88.2 ê8∙2 88.2 88.2 88 - 2 88.2 88.2 GE GE 90001 87.7 33.7 38:7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 38.7 88.7 88.7 88 .7 100038 89.2 90.1 90.1 90.1 97.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 98.1 90.1 93.1 90.1 90.1 90.1 -89,:2 90.1 90.1 90.1 99. 1 90.1 90.1 GE 60001 89.2 90.1 90.1 99.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90:1 90.1 92.1 93.1 94.6 GE secót 91.1 92.1 92.1 92%1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 GE 45001 92.1 93.6 **43.1** 93.1 93.1 93.1 94.6 93.1 93.1 94.6 93.1 93.1 94.6 93.1 93.1 94.6 93.1 94.6 93.1 94.6 93.1 94.6 93.1 GE 40001 94.6 94.6 94.6 94.6 94.6 94.6 94 •6 GE GE 95.1 95.1 95.1 95.1 95.1 3500 l 94.1 95.1 95.1 75**.** 1 95.1 95 • 1 95.1 95.1 95.1 95.1 95.1 95.1 95 •1 30001 94.1 95.1 95.1 95.1 95.1 95 • 1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 96 • 1 97 • 0 97 • G 96.1 97.0 96•1 97•0 96.1 97.0 GE 25001 95.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96 .1 97.0 97.0 97.0 97.0 GE 2000| 1800| 1500| 97.0 96.1 97.0 97.0 97.G 97.0 97.0 97.0 97.0 97.0 97.0 ĞΕ 97.9 97.0 97.5 96.1 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 GE GE 76.6 37.5 97.5 97.5 97.5 27.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 GE 10001 97.0 98.0 98 • 0 98.0 98.0 98.G 98.0 98.5 98.5 98.5 98.5 98.5 98.0 98.0 98.5 98.5 97.0 97.5 78.0 78.5 t:C 900 98,0 98.0 98.0 98 •O 98.0 98.0 98.5 98.5 98.5 98.5 98.5 98.5 98 •5 98.5 99.0 GE 1009 98.5 98.5 98.5 98.5 98.5 98.5 99.0 98.5 98.5 98.5 99.0 99.0 99.0 99.0 99.0 99.0 7601 98.5 98.5 99.0 99.0 99.0 99.0 GÈ 6001 97.5 98.5 98.5 98.5 98.5 99.0 99.0 GE 9901 97.5 98.5 98.5 98.5 93.5 98.5 98 .5 98.5 98.5 99.C 99.0 99.0 99.0 99.0 99.0 99.0 oE GE 97.5 97.5 98.5 98.5 98.5 98.5 98.5 98.5 98'•5 98•5 98.5 98.5 98.5 99.0 98.5 99.0 98.5 99.0 99.5 99.ŋ 99.5 99.0 99.0 99.5 99.0 99.5 99 •0 99 •5 ห้ออไ 99.0 3001 99.5 GE 2001 97.5 98.5 98.5 98.5 98.5 98.5 99 · N 99.0 99.0 170.0 100.0 100.0 100.0 100.0 100.0 100.0 97.5 98.5 68 1.951 98.5 98.5 98.5 98.5 99.0 99.0 99.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 31- 97.5 98.5 98.5 98.5 98.5 100.0 109.0 100.0 100.0 190.0 100.0 100.0

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GLOBAL CLIHATCLOGY BRANCH USAFETAC AIR MEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS.

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CE-IE-ING:								IN STATE	GE JIE ÚTC		a-			••	
IN GE		e E	GE	GE	GE	GE	GE .	GE		GE	GΕ	GE.	GE	GE	GE
	0 6	.5	4	3	2 1/2			-1 1/4-	1	3/4	5/8	1/2	5/16-	1/4	G
**********	• • • • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	•.••••	*****	******	• • • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •
NO CEIL 1 68.	1 68.4-	6.8 ∙2	68.5	68.5	68.5	68-5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
dr 200001 75.	7 76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76-1	76.1	76.1
CE 180001 76.		76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 160001 76.		76.9	76.9	76.9		76.9	77.C	77.3	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 140001 79:		79.5	79.6	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.5	79.6	79.6	79.6
GE 12000 80.		81.3	81.3	31.3	21.3	-81.3	81.3	81.3	91.3	81.3	-81.3	81.3	81.3	81.3	81.3
													-		
GC 10000  \$2.	9 83.2	83.2	83.2	83.2	83.2	83.2	83.3	03.3	83.3	83.3	83.3	83.3	-83.3	83.3	83.3
GE 90001 83.	5 83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	ăz.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 80001 84.		84.9	85 · C	85.0	85.0	85.0	85.0	85.8	85.0	85.0	85.0	85.0	85.0	85.0	85 <b>.</b> 0
GE 7000 84.		85.3	85.3	85.3	85.3	85.3	85.4	85.4	P5.4	85.4	85.4	85.4	85.4	85.4	85 .4
GE 6000  85.		86.0	1.08	86.1		86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86 •1
					`		-								
GC 5000  87.	3 37.7	6.7 . 7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GC 45081 87.	9 88.3	88.4	68.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88 •5
66 46GG  89.	3 89.7	89.8	89.9	89.9	89.9	89.9	89.9	39.9	89.9	89.9	89.9	89.9	89.9	89.9	98.0
GE 35001 90.	4 91.8	9.1.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
60 30001 916	0 91.7	92.0	92.1	92.1	92 • 1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92 •2
			-												
GE 25001 91.	92.3	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
GE 20001 91.	7 92.9	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93 •4
GE 18001 91.	8 92.9	93:2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6
GE 1500  92.	1 93.4	93.8	93.9	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
6E 17001 92.	5 93.9	94.2	94 • 4	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.5	94.8	94.8	94 •8
GE 1600] 93.		95.2	95.5	95.7	95.7	95.8	95.8	95.9	96.0	96.0	96.D	96.0	96.0	96.0	96 •0
GE 9001 93.		95.5	95∙6	96.0	96.1	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96•3	96.3	96 •3
GĘ 8001 93•		95.8	96.1	96.4	96.4	96,4	96.5	96.5	96.6	96.6	96.6	96•6	96.7	96.7	96.7
GE 7001 93.		95.9	56.2	96.5	96.5	96.6	96.6	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 6001 93.	4 95.6	96.4	96.7	97.1	97.1	97.2	97.2	97.3	97.4	97.4	97.5	97.5	97.6	97.6	97.6
GE 5001 93.	4/ 9547	964	96.6	97.4	97.4	97.5	97.6	97.6	97.7	97.7	97.8	97.9	97.9	97.9	97.9
6E 4501 93.		96.5	96.9	97.6	97.7	97.8	97.9	97.9	98 - 1	98.2	98.2	98.4	98.4	98.4	98 •6
GE 3061 93.		96.5	96.9	97.8	97.9	98.2	98.3	98.4	98.6	98.7	98.8	99.0	99 • 1	99.1	99 •2
6E 20D1 93		96.5	96.9	97.8	97.9	98.2	98.3	98.4	98.7	98.8	98.9	99.2	99.3	99.3	99 •6
GE 1601 93		96.5	97.0	97.9	98.0	98.3	98.4	98.4	78.8	98.9	99.0	99.3	99.4	99.6	100.0
04 1001 714	- /2.0	,	7	,,,,	7010	,,,,	,,,,	,,,,	,,,,	,,,,	,,	,,,,	,,,,,		2000
68 01 936	5 95.6	96:5	97.0	97.9	98.0	-98.3	98%4	98.4	98 • 8	98.9	99.0	99.3	99.4	99.6	100.0
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GLC AGAC MATULOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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PÉRCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBÍLITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECOPD: 77
HONTH: NOV HOURS(LST): 0300-0500

		: : .										NUMIE	1: NUV	หกกหว	117211:	0300-05	•••••
CE	LING	••••	••••••	· · · · · · ·	• • • • • • •	• • • • • • • •		บารา		TH STAT	IÎTE MIÎ		•••••	• • • • • • •	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •
	N. I	(:5	GF	65	GF	ĞĒ	GF	66	GÉ	GE'	GF	66	Gε	GΕ	GE	GE	GΕ
- 5	ET I	.10	6.		GE 4	3,	2 1/2	2	1 1/2	1 1/4	,	3/4	5/8	1/2	5/16	1/4	0 2
														44444			
										•••••			,	•••••		• • • • • • •	••••
110	CEIL II	LG.C	100.0	100.0	100.0	100.0	100.0	180.8	100.G	100.0	100.6	100.0	100.0	100.0	100-0	100-0	100.0
												10,,,0	10019		1000	10000	100.0
GΕ	2500011	ec.e	160.9	400.0	100.0.	160.0	100.0	100.0	100.0	.100.0	10070	100.0	100.0	100.9	190.0	100.0	100.0
			100.0					100.0			100.0	107.0	100.0	100.0	100.0	100.0	100.0
			120.0					100.0				100.0	100.0	100.0	100.0	160.0	100.0
			100.0					100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1200011		138.0	100.0			100.0			100.0	100.0	100.0	100.0	100.0	100.0		100.0
					20000		- 00.0	10010	10010	10010	10010	100.0	10010	100.0	100+0	100.0	100.0
GE	1000011	0.00	100:0	100.0	100.0	160.0	1.004.0	100.0	180.6	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900011		160.0	100.0	100.0					100.0			100.0	100.0	100.0	100.0	100.0
66	850011		100.0	100.0	100.0			100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0
GE	703011	0.22	100.0	100.6	100.0			100.0		100.0		100.0	100.0		100.0	100.0	100.0
G£	600911		100.0	100.6	100.0					100.0		100.0	100.0	100.0	100.0	100.0	100.0
		0000	20010	10000	10010		1,000	10010	100.0	10010	12000	100+0	10010	10340	1000	100.0	100 10
GE	500011	C0.0	100.0	100.0	100.0	100.0	ນາຕົວ. ຄ	100.0	183.0	100.0	100.0	160.0	100.0	199.0	103.0	160.0	₁00 •n
GΕ	4500 1	60.0	100:0	109.0	100.0		100.0		103.0	100.9	100.9	100.0	100.0	100.0	190.0	100.0	100.0
GE	430011			100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	3500 1		100.0	100.0	100.3			100.0				100.0	100.0	100.0	100.0		100.0
GΕ	300011		160.0	100.0			100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
							2 (000	10010		.0010		10.710	*00*0	100.0	100.0	100+0	100.0
30	250011	06.0	109.0	100.0	100 ⋅ €	100.0	160.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĞĒ	200011		100.0	100.0	130.0		100.0	100.0	100.0	108.8	130.0	100.0	100.0	100.0	100.0	100.0	100.0
30	180011	60.6	103.0	100.0	100.0		106.0		100.0	100.0	130.0		100.0		100.0	100.0	100.0
GF.	150011		190.0	100.G	100.3		100.0		100.0	130.0	100.0		100.0	100.0	100.0	100.0	100.0
θL	120011	00.0	130.č.		100.0	100.0		103.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0
	-,		• • • • • • • • • • • • • • • • • • • •							.0070	2.,,,,,,		10010	20010	10000	10010	10010
GΕ	1230[1	60.8	403.0	100.6	100.0	100.0	100.0	109.0	100.0	160.0	100.0	103.0	100.0	100.0	100.0	103.0	100.0
GE	90011	00.0	130.0	100.0	160.6	100.6		100.0	100.6	100.6			100.0	100.0	100.0	160.0	100.0
GF.	20011	60.0	100.0	100.3	130.0	100.0		160.0	100:0	100.0		100.3	130.0	130.0	100.0	100.0	100.0
GE	78311	00.0	100.0	100.0	100.0			100.0	190.C	100.0	100.0	100.0	100.C	130.0	100.0	100.0	100.0
úΞ	€6011	60.0	100.0	100.0	160.0	100.0			100.C			100.0	100.0	-100.0	100.0	100.0	100.0
											2.70.0	103,00		.00.0	10000	10010	100.0
GF.	50011	00.0	103.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0
GΕ	40911	0.00	103.0	100.0				100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300[1	63.0	199:0	100.0	100.0			103.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	20011	00.0	100.0	100.6		100.0		100.0		100.0	100.0		-100.0	100.0	100.0	160.0	100.0
υĽ	10011		100.0	100.0						100.0				.100.0	100.0	100.0	100.0
		• • •			,				- 55- 0								
GE	911	0.00	100.0	100.5	100.0	100.8	100.0	100.0	100.0	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0

GUBBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/ÑAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

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STATION NUMBER: 72468E STATION NAME: FI CARSON/BUTTS AAF CO PEPIOD OF RECORD: 77-86 HONTH: NOV HOURS(LST): 0600-0800 VISIBILITY IN STATUTE MILES CEILING σĒ GΕ GΕ GĘ In GΕ GΕ GΕ GЕ 1 1/2 FEET 3 2 1/2 1 1/4 2 5/16 10 6 5 4 1 3/4 5/8 1/2 1/4 a NO CEIL 1 64.0 64.5 64.6 64.6 64.6 64.8 64.8 64.8 64.8 64.8 64.8 64.8 64.5 73.9 71.5 72.3 70.9 71.5 200001 -73.0 73:5 79.5 79.7 73.7 70.7 79.9 73.9 70.9 70.9 79.9 70.9 70.9 70.9 71.5 72.0 71.5 72.0 18000| 70.7 16000| 71.2 71.7 71.2 71.7 71.4 71.8 71.5 71.5 71.5 71.5 GF 71.4 71.4 71.5 71.5 71.8 71.8 72.0 2 72 · C 72.G 72.0 72.0 72.0 72.0 GE 73.3 14290]-72.5 73.0 73.0 73.2 73.2 73.3 73.3 73.3 73.3 73.3 73.3 7.3 . 3 73.3 73.3 77.6 77.6 77.6 ĿΕ 120001 76.6 77.1 77.1 77.3 77.3 77.3 77.4 77.4 -77.4 77.6 77.6 77.6 81.2 81.5 81.5 81.5 68 100001 80.5 81.0 81.0 81.2 81.2 81.3 81.3 81.3 81.5 81.5 81.5 81.5 81.5 81.3 81.3 81.3 91.5 81.5 81.5 81.5 81.5 81.2 81.2 GΕ 90001 80:5 81.6 81.3 80001 82.0 82.7 82.7 82.7 82.8 82.8 83.0 83.0 83.0 83.0 63.0 83.0 83.0 ĢΕ 82.5 82.5 82.8 23.6 64.3 83.6 83.6 70JOL 82.7 83.1 83.3 83.3 83.3 83.5 83.5 83.5 83.6 83.6 83.6 83.6 84.3 84.3 84.3 Śξ 60001 83.3 93.8 93.8 24.0 64.0 84.0 84.1 84.1 84.1 GE 53001 84.1 84.1 84.3 84.3 24.3 84.5 84.5 84.5 24.6 84.6 84.6 84.6 84.6 84.6 GĒ 45501 84.0 84.5 94.5 84.6 84.8 84.8 84.8 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84.6 84.6 ٥Ę 400 84.6 3500 85.1 85.1 85.1 85.3 85.3 85.3 85.4 85.4 85.4 85.6 85.6 85.6 85.6 85.6 85.6 85.6 86.1 86.1 86.1 GE 25.6 85.6 85.8 85.8 85.8 85.9 85.9 85:5 86.1 86.1 86 . 1 86.1 30001 86.6 86.1 85.3 86.3 86.3 86 .4 86.4 86.4 86 . 6 86.6 86.6 86.6 1.68 GΕ 25001 85.6 87.1 87.1 87.2 87.2 87.2 87.4 87.4 87.4 87.4 87.4 86.7 86.9 86.7 G€ 20001 86.3 87.6 87.7 87.9 87.9 89.1 88-1 88:1 88.2 88.2 €8.2 88.2 88.2 88.2 88 .2 GE 18901 86.3 87.4 87.6 87.7 87.9 67.9 88.1 88.1 89 - 1 88.2 88.2 88.2 88.2 88.2 88.2 88 .2 1500 | 86.7 88.4 83.9 89.0 89.0 89.0 89:2 89.2 89.2 89.2 89.2 89.2 űF. 88.5 88.7 88.9 89.5 88.9 89.5 89.5 89.5 87.0 90.7 90.8 90.8 90.8 90.8 GE 10001-87:9 90.0 93.2 90.3 9C.3 90.5 90.7 90.8 90.8 90.8 91.3 9001 88.2 8001 88.7 90.0 90.7 90.5 91.3 90.8 90.8 91.7 91.0 91.5 92.3 91.5 92.3 91.5 92.3 91.5 92.3 91.5 92.3 91.5 92.3 91 •5 92 •3 GĘ 90.7 91.3 GE 91.5 92.1 92.0 93.8 93.8 93.8 GĘ 7001 GE 6331, 88.9 91.7 91.8 92.3 92.1 92.8 93.3 93.5 93.6 93.8 93.8 93.8 93.8 93.8 93.8 ŰΕ 5001 88.9 71:0 91.8 92.0 92.1 92.3 93.1 93.6 93.9 94.8 94.9 94.9 94.9 94.9 94.9 94.9 95.3 95.3 92.1 92.1 95.3 95.9 91.0 91.6 91.8 92.0 92.0 92•3 92•3 93.3 93.3 93.8 93.8 94.1 94.1 95.1 GE 4001 88.9 94.9 95.1 95.1 3001 88.9 94.9 95.3 95.3 95.4 95.7 95.9 6E 2001 88.9 1001 88.9 GE GE 91.8 92.5 92.6 93.6 95.3 95:9 95.9 96.2 96.7 97.7 98.0 99.3 91.0 91.8 92.0 92.5 92.6 93.6 24.1 94.4 95.3 96.1 96.1 96.9 97.4 98.5 GE 01 88.9 91.0 91.8 92.0 92.5 92.6 93.6 94.1 94.4 95.3 96.1 96.1 96.9 97.4 98.5 100.0

TOTAL NUMBER OF OBSERVATIONS: 61

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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ŞŤ	at ich	NUMBER:	724680	STATÌ	ON NAME:	FT	Č AŘ SCH / BI	AAA STTU	CÕ			PERIOU HONTH	_	ORD: 77- HOURS	-86 (LST): (	0960-11	00
	IL ING	•••••	• • • • • • •	•••••	,	• • • • •	••••••	VISÍÉ	SILITY	IN STATE	JTE HIL		• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	••••••
	Iú	1 GE	GΕ	GE	GΕ	Gξ	CE	GE	GE	Gξ	GE	GE	GE	GE	GE	GE	GΕ
F	EET	1 10	6	5	4	3	2 1/2	2	1 1/2	-1-1/4	1	3/4	5/8	1/2	5/16	1/4	0
٠.						• • • • •		• • • • • • •	• • • • •	• • • • • • • •	••••••	• • • • • • •	• • • • • •			• • • • • • •	• • • • • • • • • • •
				-													
ЖO	CEIL	1 64.1	64.3	64.4	, 64 . 4	64.4	64.4	64.4/	64.4	-64.4	64.4	64.4	64.4	64.4	64.4	64.4	64 •4
			à			~ ~ ~		77.0									77.0
		72.7	72.9	73.ú, 73.6	73.0 73.6	73.0		73.0 73.6	73.0 73.6	73.0 73.6	73.0 73.6	73.0 73.6	73.0	73.0 73.6	73.0 73.6	73.0 73.6	73.0 73.6
		73.3	73.4 74.8	75.0	75.0	75.G		75.0	7,5.0	75.0	75.C	75.0	73.6 75.0	75.0	75.0	75.0	75.0
		76.4	76.6	76.7	76.7	76.7		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
		78.7	79.0	79.2	79.2	79.2		79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
Ģ.,	14.00		.,,,	.,.2	,,	• , • •	.,. 2,	.,.2	,,,,	.,	,,,,	.,	17.44	1,702		.,	1, 46
GΕ	10000	1- 82.8	93.1	83.2	83;2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE		83.4	83.7	83.9	83.9	83.9		83.9	83.9	83.9	83.9	63.9	83.9	83.9	83.9	83.9	83.9
GE	8000	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE	7000	1 84.6	84.79	85.1	85.1	85.1	à5∙ 1	65.1	85.1	85.1	25 - 1	85.1	85.1	85.1	85.1	85.1	85 -1
GE	6000	85.4	85.9	86.9	86.3	86.0	86.0	-86.3	36.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
												•					_
GE		85.7	R6.2	86.3	86.3	35.3		86 • 3	26.3	86.3	86.3	86.3	-86.3	86.3	86.3	86.3	86.3
GE		85.9	36.3	96.5	86.5	86.5	-	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86 •5
GE		86.3	87.0	87.3	87.3	87.3	-	87.3	87+3	87.3-	87.3	87.3	87.3	87.3	87.3	87.3	67.3
65		1 66.5	67.1	87.4	87.4	67.4		67.4	87.4	67.4	e7.4	87.4	87.4	87.4	87.4	87.4	87.4
30	3000	87.0	88.2	88.5	88.5	89.5	88.5	88.5	28.5	8845	88.5	88.5	88.5	68.5	88.5	88.5	86 •5
GÊ	âsca	1 87.4	20.0	89.1	20.1	89.1	89.1	87.1	89.1	89.1	89.1	89.1	89.1		89.1	89.1	
. 6E		0.63	38.8 89.8	90.4	89•1 90•4	90.4	_	90.4	90.4	90.4	90.4	90.4	90.4	89.1 90.4	90.4	90.4	89.1 90.4
GE		88.2	93.1	98.7	90.7	93.7		90.4 90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.4	90.7	96.7
ĞΕ		1 68.7	90.8	91.5	91.5	91.8		91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE		89.6	21.1	21.3	92.2	92.5	-	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
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30	1000	89.4	91.6	92.2	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
68.	933	87.8	91.9	92.5	93.0	93.3	93.3	93.3	93.3	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9
υĒ	នុបព្	89.8	cl.c	92:5	93.2	93.5	93.5	93.5	93.5	93.6	93.6	94.1	94.1	94.1	94.1	94.1	94.1
ēξ	783	3.28	91.9	92.5	93.5	93.6	93.6	93.8	93.8	93.9	94.1	94.6	94.6	94.6	94.6	94.6	94 •6
ĆΕ	683	89.8	91.9	92.5	93.5	94.1	94.1	94.4	94.4	94.6	94.7	95.2	95.2	95.2	95.2	95.2	95.3
										1							
GE		89.9	92.2	93.0	94 . 3	94.9	94.9	95.2	95.2	95.3	95.5	96.0	96.0	26.3	96.0	96.0	96.1
GE		1 89.9	92.2	93.0	94.3	94.9		95.2	95.5	95.7	96.0	96.6	96 • 6	96.7	96.9	96.9	97.0
GF GE		89.9	92.2	93.5	94 : 3	95.9		95.5	95.8	96.0	76.6	97.2	97.2	97.7	97.8	97.8	98.0
6E		11 87.9 11 89.9	92.2 92.2	93.0	94 • 4 94 • 4	95.2 95.2		95.7 95.7	96 · 1	96.3 96.3	97•2 97•2	98.1 98.1	98 • 1	99.2	99.5 99.5	99.7 99.7	100.0 100.0
ųζ	100	1 07.7	76.6	* > • 0	74 • 4	10.4	75.2	42.1	A0 • 1	30+2	7112	Au • 1	98.1	99.2	44.5	77.1	100.0
GE		1 69.9	92.2	93.0	94.4	95.2	95.2	95.7	96.1	96.3	97.2	98.1	98.1	99.2	99.5	99.7	100.0
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GLOBAL CLIMATOLÓGY BRANCH USAFETAC ÁIR WEATHER-SERVICE/HAC

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#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER: 724682 STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 77-86 HONTH: NOV HOURS (LST): 1260-1400 VISIBILITY IN STATUTE HILES CEILING GE CE GE. GΕ GΕ GΕ GΕ GΕ FCET | 10 2 1 1/2 1 1/9 5 ſ. 4 3 2 1/2 • 3/4 5/8 1/2 5/16 1/4 n 110 CEIL 1 65.4 65.8 65.8 65.7 65.3 65.8 65.8 65.8 65.8 65.8 65.8 65.8 65.8 65.8 65.8 65.8 74.9 75.5 GE 200001. 74.3 74.9 74:8 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 74.9 180061 74.9 75.4 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5. 75.5 75.5 75.5 75 •5 6E 262001 76.6 142001 79.6 76.6 80.3 76.6 76.6 GΕ 76.5 76.6 76.6 76,6 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76 •6 80.1 80.3 á0. 3 80.3 80.3 80.3 83.3 83.3 89.3 GE 80.3 80.3 80.3 80.3 120001 60.9 21.5 81.5 100001 82.3 82:9 83.1 83.1 93.1 83.1 83.1 GE 90001 8276 83.2 83.4 85.0 83.4 83.4 83.4 83.4 83.4 83.4 85.G 83.4 83.4 63.4 85.9 83.4 85.0 83.4 85.0 83.4 83.4 85.0 85.0 85.0 85.0 85 · Ö 85.0 85.8 GE, 83001 84.2 84.8 85.0 85.0 84.2 85.0 85.0 85.0 72001. 85.0 85.0 85.7 85.0 85.0 GΕ 60301 85.0 35.6 85.7 85.7 25.7 85.7 85.7 85.7 95.7 85.7 65.7 85.7 85.7 85.7 85.7 87.3 SC401 86.5 87.1 87.3 87.3 27.3 87.3 87.3 87.3 87.3 87.3 87.3 GE 87.3 87.3 87.3 87.3 45301 86.5 87.1 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 87.5 89.5 87.5 87.5 87.5 GE 87.3 87.3 89.3 89.3 89.5 89.5 ٥Ę 40001 88.2 89.2 89.3 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 35001 88.2 59.2 89.3 89.5 89.5 89.5 89.5 GE 89.5 89.5 89.5 89.5 89.5 89.5 89.5 91.5 91.5 91.5 91.5 GE 29001 99.6 91.5 91.7 91.8 72.2 92.2 92•2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 27001 90.9 92.2 92.2 92.3 92.3 92.6 92.9 93.1 92.9 93.1 92.9 93.1 93.1 92.9 93.1 92.9 93.1 92.9 93.1 92.9 93.1 92.9 93.1 GΕ 92.5 92.9 92.9 92.9 92.5 GE 93.1 93.1 93.1 15001 32 12001 91.5 92.9 9313 93.7 74.4 94.8 94.8 95.0 95.0 GE 10001 91.5 92.9 93.4 93:9 94.5 95.0 95.0 95.0 95.0 95.0 95.3 95.0 95.1 95.1 95.1 95.1 2001 91.5 72.9 95•3 95•5 95.3 95.5 95.5 95.3 95.5 95.3 95.3 95.3 95.5 95.5 95.5 95.6 GE 93.4 94.0 94.8 95.3 95.5 95.5 υĒ 8001 91.5 92.9 93.4 94.0 95.0 95.5 95.5 95.5 95.6 95.6 95.6 GE 7001 91.5 32.9 93.4 94.0 95.n 95.5 95.5 95.5 95.6 95.6 95.8 95.6 95 • 8 95 • 9 95.8 95.9 95.8 95.9 95 48 95.6 GE 6001 91.5 92.9 95.0 95.5 95.6 95.6 c5.8 95.9 95.8 GĘ 5001 91.8 93.7 94.2 95.1 96.2 97.2 97.2 97.3 97.3 97.3 97.5 97.5 97.5 97.5 96.9 97.2 97.6 97.6 97.6 95.5 95.5 98 .4 4001 91.8 94.0 94.5 96.6 97.2 97.5 97.6 97.8 97.8 98.4 98.4 98.4 97.5 97.5 97.6 97.6 GE 3001 91.8 94.0 24.5 96.6 97.2 97.2 98.0 98.0 98.1 98.1 98.3 99•1 99•7 99.1 99.7 99.2 99.4 2001 91.8 94.5 6E 94.0 96.6 98 . 3 99.8 100.0 97.6 100.0 GΕ 1601 91.8 94.0 94.5 95.5 96.6 97.2 97.5 98.0 98.1 98 . 3 99.7 99.7 96.6 97.6 GE 21 91.8 94.0 94.5 95.5 97.2 97.5 97.6 98.0 98 - 1 78.3 99.7 99.7 99.8 100.0

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724682 STATION NAME: FT CARSON/BUTTS TAF CO PERIOD OF RECORD: 77-86 NONTH: NOV HOURS (LST): 1500-17nn . . . . . . . . . . . CEILING VISIBILITY IN STATUTE HILES ĠΕ GΕ 111 GE GE GE GE GΕ GΕ GE GE GE GE ßE FEET 3 2 1/2 2 1 1/2 .1 1/4 5/8 5 3/4 1/2 5/16 1/4 10 -1 6 64.3 HC CEIL 1- 64.3 200001 73.0 73.6 73.0 73.9 73.0 73.0 73.0 73.0 73.0 7.3.0 73.0 73.0 73.0 73.0 73.0 73.G 73.2 73.2 73.2 73.2 73.2 73.2 73.2 GE 180001 73.2 73.2 7.3.2 73.2 73.2 73.2 73.2 73.2 73.2 74.1 78.1 74 •1 76 •1 65 1600CI 74.1 74.1 74.1 74.1 74.1 74.1 74.1 74.1 74.1 74.1 74.1 74.1 74.1 74.1 78.1 143001 78.1 78.1 78.1 GΕ 78.1 78.1 78.1 76.1 78.1 78.1 78.1 78.1 78.1 78.1 GE 120001 80.3 80.3 80.3 80.5 80.5 80.5 80.5 80.5 a**0.**5 80.5 80.5 80.5 100001 82.6 82.6 82.8 8248 82.6 82.8 82.8 82.8 82.8 8.25 8.25 82.8 82.8 82.8 62.8 82.8 GΕ 65 92001 62.6 82.8 82.8 82.8 82.8 8.28 82.8 82.8 82.8 82.8 82.8 82.8 82.6 82.6 82.8 82.8 GE 66001 -83.7 33.8 83.8 84.9 84.0 69.0 85.0 84.0 84.0 84.0 84.0 84.1 84.0 84.0 84.0 84.0 84.0 84.0 85.0 70001 84.3 85.0 85.0 űΕ 85.0 85.0 85.0 85.0 85.0 85.0 85.G 85.0 85.0 60001 87.0 97.3 87.5 87.7 87.7 87.7 87.7 87.7 37.7 87.7 87.7 GE. 50001 88.2 88.5 88.7 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 88.9 GE GE 4500| 68.2 4000| 69.2 38.5 59.6 88.7 89.7 38.9 89.9 88.9 88.9 88.9 -88.9 88.9 88.9 88.9 89.9 88.9 89.9 88.9 88.9 88.9 89.9 88.9 89.9 89.9 89.9 29.9 89.9 89.9 89.9 89.9 89.9 35001 89.6 90.4 90.6 90.8 90.8 93.8 90.8 90.8 90.8 99.8 90.8 90.8 90.8 90.8 SE 32001 90.6 91.5 91.7 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 91.8 GE 25001 72.2 92.5 92.7 92.7 92.7 92.7 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 65 20001 92.3 18601 92.3 93.4 93.4 93.7 93.7 94 • 1 94 • 1 94.1 94.1 94.1 94.3 94 • 1 94 • 3 94.3 94.4 94.3 94.3 94.3 94.3 94.3 94.3 94.4 94.3 94.3 GΕ 94.4 94.4 94.4 94.4 94.4 94.4 94.1 94.4 94.6 GE 15001 92..3 93.4 93.7 94.1 94.4 94.6 GE 12001 92.3 93.7 94.1 94.8 94.8 95.3 95.3 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 65 10001 92.3 94.3 94.8 95.7 95.3 96.3 96.3 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 GE 9301 92.3 9413 94.8 45.8 96.2 96.7 96.9 96.7 96.9 97.2. 96.9 97.2 96.9 97.2 96.9 97.2 96.9 97.2 97.2 97.2 97.2 97.6 97.2 97.6 GΕ 8001 92.3 94.3 94.8 95 · E 96.3 97.0 97.6 97.6 95.1 95.3 97.6 97.6 GE 7001 92.3 94.6 96.2 96.7 97.2 97.4 97.6 97.6 97.6 97.9 97.9 97.9 97.9 SE 6001 92.3 94.8 98.4 96.3 96.9 97.4 97.7 97.9 97.9 97.9 97.9 98.3 98.3 98.3 45 5861 92.5 95.0 95.5 96.5 97.2 97.7 98.3 98.4 98.4 98.4 98.4 98.4 98.8 R.RP 98.8 99.0 GΕ 4001 92.5 95.5 95.5 95.0 96.5 97.2 97.2 97•7 97•7 98.3 98.4 98.4 98.4 98.4 98.4 98.8 98.8 98.8 99.0 3001 92.5 2001 92.5 GE 95.0 96.5 98.3 98.4 98.4 98.4 98.4 98.4 99.3 99.3 99.3 99.5 95.5 99.5 99.5 99.7 GΞ 95.0 96.5 97.2 97.7 98.3 98.4 98.4 98.4 98.4 98.4 99.3 95.5 97.2 99.5 1601 92.5 95.0 96.5 100.0 98.3 98.4 98.4 98.4 98.4 99.3 99.5 97.7 98.4 SE 31 92.5 25.0 95.5 96.5 97.2 97.7 98.3 98.4 98.4 98.4 98.4 98.4 99.3 99.5 99.5 100.0

GLÖBAL CLIMATOLOGY-BRANCH-USAFETAC AIR WEATHER SERVICE/NAC

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# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WE	EATHER S	ERATCE\#	AC													
		:R: 72468				•	UTTS AA	F CÒ			PERIOD MONTH	OF REC	ORD: 77 Hours	-86 (LST):		00
		• • • • • • •	•••••	••••••	• • • • • •	• • • • • • •	• • • • • • •			• • • • • • •		• • • • • •	· · · · · · ·	•••••	• • • • • • •	••••
CE ILI'			.00		cr	cr			IN STATE			GE	GE	∙G€	GE	GE
IN FECT	I GE		·GC 5-	GE 4	GE	GE 2 1/2	GE 30	GE 1 1/2	6E	GE 1	GE 3/4	5/8	1/2	5/16	1/4	0.5
			_			- 1, 2		1 1/2	_					******		
HO CE	IL   -73.	2 73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
JE 2110	3331 78.	6 79.9	78.7	78.9	78.9	76.9	73.9	78.9	78.9	78.9	75.9	78.9	78.9	78.9	78.9	78.9
	00  78.		79.2	79.2	77.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 160	2001 79.		79.9	79.9	79.9	79.9	79.9	79.9	79.9	79•9	79.9	79.9	79.9	79.9	79.9	79.9
	1001 81.		82.1	82.1	82.1	82.1	82.1	82.1	82.1	82 • 1	82.1	82.1	82 • 1	82 • 1	82.1	82.1
GE 125	2001 81.	8 82:1	82.1	82.1	82.1	82 • 1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
65 100	000  65.	3 8549	85.9	83.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
	0001 85		86.6	36.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
	3001 87		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88 • 2	88.2	88.2	88.2	88 •2
	0001 68		87.1	89.1	89.1	89.1	87.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 69	0001 89.	1 89.8	89.8	87.8	89.8	89.8	89.8	89,8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 50	001 89.	1 89.8	87.8	89.8	89.8	89 • 8	89.8	89.8	89.8	89 • 8	89.8	89.8	89.8	89.8	89.8	89.8
	5001 89.		90.4	90.4	90.4	90.4	90.4	93.4	90.4	90.4	99.4	90.4	90.4	98.4	99.4	90 •4
GE 40	90.	4 91.1	91%1	71.1	91.1	91 • 1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 35	500  91.	1 91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GC 39	000  92.	3 93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6
GE 29	500  93.	93.6	93.9	93.9	94.2	94.2	94.2	.94.2	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6
GE 20	300  93.	6 94.6	94.9	94.9	95.2	95.2	95.2	95.5	95.5	95.5	95.8	95 • 8	95.8	95.8	95.8	95 •8
GE 18	00 i 93.	6 94.6	94.9	94.9	95.2	95.2	95.2	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95 •8
6E 15	5001 93.	6 94.9	95.2	95 • 2	95.5	95.5	95.5	95.8	95.8	.95 . 8	96.2	96.2	96.2	96.2	96.2	96 •2
GC 12	2001 93.	6 75.5	75.8	95.8	96.2	96•2	96.5	96.8	95.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1
GE 16	0001 94	2 96.2	97.1	97.4	97.8	97.8	98.1	98.4	98.4	98.4	98.7	98.7	98•7	98.7	98.7	98.7
GE 9	700 94	2 26.2	97.4	97.8	98.1	98.1	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99 •0
6E 8	100   94.	2 96.2	97.8	78 - 1	98.7	98.7	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 7	700  94.	2 96.2	97.8	98.1	98.7	96.7	99.0	99.7	99.7	99.7	100.0	100.0	100 • 0	100.0	100.0	100.0
GE C	5001 94.	2 96.2	97.8	98.1	98.7	96.7	99.0	99.7	99•7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE S	5001 94.	2 96.2	97.8	98.1	98.7	98.7	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 4	100 94	2 96.2	97.8	98 - 1	98.7	98.7	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
	3001 94.		97.8	98.1	98.7	98.7	99.0	99.7	99.7	99.7		100.0	100.0	100.0	100.0	100.0
	2001 94.		97.8	98 • 1	98.7	98.7	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 1	1001 94.	2 96.2	97.8	98.1	98.7	98.7	99.0	99.7	99.,7	99.7	100.0	100.0	100.0	103.3	100.0	100.0
GE.	Ð  94.	2 96.2	77.8	98 - 1	98.7	98.7	99.0	99.7	99.7	99.7	100.0	100.0	103.0	100.0	100.0	100.0
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GLOBAL CLIHATOLOGY BRANCH L'SAFETAC AIR LEÀTHER-SERVICE/HAC

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PERCÊNTAGE FŘEQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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ST	at Ion	NUMBER	t: 72468G	STAT	ON NAME:	FT	CAR SON/B	UTTS AAF	CO			PERIOD MONTH	OF REC			2100-23		
												HINUM	: NUV			2100-23	••••••	
ČĒ	IL ING	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					VISIE	ILITY	INSTAT	UTE HIL	ES						•
	ĺN-	1 - GE	GE	GΕ	GE,	G£	GĘ	GΕ	GE	GΕ	GE	GE	GE	GE	GΕ	GE	GΕ	
F	ÉE T	4 19	) · 6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	17,2	5/16	1/4	0	
••	••••	• • • • • • •			••••	• • • • •		• • • • • • •	• • • • •	• • • • • • • •	• • • • • • •		• • • • • • •		• • • • • •		••••	
									<u> </u>					'-				
100	CEIL	1 73.	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	
Cr.	2000	UL 79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	70 6	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
		0 79.2		79.5	79.5	79.5		79.5	79.5	79.5 79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
		0 79.9		80.2	80.2	80.2		80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	89.2	80 •2	
		01 82.		82.3	82.3	82.3		82.3	82.3		82.3	82.3	82.3	82.3	82.3	82.3	82.3	
		0  82		82.7	82.7	82.7		82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	
O.L	1200	o, yes.	, 021.		0211	02.07	22.1	02.01	02.11	02.,	0201	0411	02.1	024.	02.07	0201	0211	
GE	1000	01 85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	-86 • 2	86.2	86.2	86.2	86.2	86.2	86.2	
GΕ		0 86.9		87.3	87.3	87.3		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
GE	-8:00	31 88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	86.7	
GE	700	01 88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
GE	600	01 88.3	38.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88 •7	
GΕ		01 69.0		89,4	89 • 4	89.4	89 • 4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
GΕ		01 89.8		90.1	90.1	90.1		90.1	90.1	90 • 1.	90 • 1	90.1	90.1	90.1	90.1	90.1	90.1	
GE		01 89.8		90.1	90 • 1	90.1		90.1	90.1	9041	90 • 1	90.1	90 • 1	90:1	90 • 1	90.1	90 • 1	
GE		01-90-9		90.8	90.8	90.8		90.8	90.8	90.8	90.8	90.8	90.8	90 • 8	90.8	90.8	90 •8	
GE	300	ál 85•6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
																	<b>-</b>	
GE.		92.6		93.3	93.3	93.3		93.6	93.6	93.6	94 • 0	94.0	94.0	94 • C	94.0	94.0	94.0	
GE		01 93.6			94.3	94.3		94.7	94.7	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
GE		0  93.6 0  93.6		94.7 94.7	94.7	94.7		95.1	95 • 1	95.1	95.8	95.8	95.8	95 • 8	95 • 8	95 • 8	95.8	
GE		0  93.0		96.1	94 • <b>7</b> 96 • 5	96.5		95.1 96.8	95.1 96.8	95.1 96.8	95.8 97.5	96.1 97.9	96.1 97.9	96.5 98.2	96.5 98.2	96.5	96 •5 98 •2	
UL	120	01 74.5	70.1	40.1	70.5	40.5	70.3	70.0	70.0	90.0	77.5	7117	71.7	70.2	70.2	98.2	70 12	
GE	100	01 94.3	96.1	96.1	96.5	96.5	- 96.5	96.8	96.8	96.8	97.5	97.9	97.9	98.2	98.2	98.2	98 •2	
ĞΕ		01 94.3		96.5	96.8	96.8		97.2	97.2	97.2	97.9	98.2	98.2	98.6	98.6	98.6	98.6	
GE		94.3		96.5	96.8	96.8		97.2	97.2	97.2	97.9	98.2	98.2	98.6	98.6	98.6	98.6	
GE		01 94.		96.5	90.8	96.8		97.5	97.5	97.5	98.2	98.6	98.6	98.9	98.9	98,9	98 • 9	
GE		G  94.3		96.5	96.8	96.8		98.2	98.2	98.2	98.9	90.3	99.3	99.6	99.6	99.6	99.6	
GE	500	01 94.3	96.1	96.5	96.8	96.8	97.2	98.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.6	99.6	
GΕ	-40	01 94.3	96.1	96.5	96.8	96.8	97.2	98.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.6	99.6	
GE		31 94.3		96.5	96.8	96.8	97.2	98.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.6	99.6	
GE		94.3		96.5	96.8	96.8		98.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	100.0	100.0	
ĢΕ	10	01 94.3	76.1	96.5	96.8	96.8	97.2	98.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	100.0	100.0	
ξĘ		01 94.3		96.5	96.8	96.8		48 -2	98.2	98.2	98.9	99.3	99.3.			100.0		
• •	••••	• • • • • •	• • • • • • • • •		• • • • • • • •	• • • • •	• • • • • • • •		• • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • •	

GLOBAL CLIHATOLOGY BRANCH USAFETAC AIR GEATHER SERVICE/HAC

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER: 72468C STATION-HAME: FT CARSON/BUTTS AAF CO PEPIOD OF RECORD: 77-86 HONTH: NOV HOURS (LST): VISIBILITY IN STATUTE HILES ce il ing GE 5 GE GE GE 2 1-1/2 GE 1 LEET GE 'GE GF GE GΕ GF 3 2 1/2 1 1/4 6 4 3/4 0 1 .10 5/8 1/2 5/16 1/4 NO CEIL 1-66.2 66.4 66.5 66.5 66.5 66.5 66.6 66.6 66.6 66.6 66.6 66.6 66.6 -66.6 66.6 66.6 GE 200001 73.8 74.2 74.1 74.2 74.2 74.6 74.2 74.6 74 .2 74.1. 74.2 74.2 74.2 74.2 74.2 74.2 74.2 74.2 74.6 74.6 74.6 74.6 74.6 74.6 GE 180001 74.2 74.5 74.6 74.6 74.6 74.6 74.6 74 .6 62 160001.75•1 75.4 75.5 75.5 75.5 75.5 75.6 75.6 75.6 75.6 75.6 75.6 75.6 75.6 78 .1 GE 140031 77.7 78.9 78.3 78.1 78.1 78.1 78.1 78.1 78.1 78.1 78.1 78.1 78.1 78.1 78.3 GE 120001 79.7 80.0 a0.1 80.2 30.2 80.2 80.2 80.2 80.2 80.2 80.2 80.2 80.2 80.2 80.2 80.2 GE 100001 82.7 83.3 83.7 85.1 93.1 83.2 83.3 83.3 83.3 83.3 83.3 83.3 83.3 83.3 83.7 83.3 83.3 83.3 83.3 83.7 85.1 33.5 83.6 83.7 ĠĘ 9000 | 83.1 83.6 83.6 83.7 83.7 83.7 85.1 83.7 83.6 83.7 83.7 GE 82031 84.5 34.9 85.0 85.0 85.0 85.1 85.1 85.1 85.1 85.1 85.1 85.1 85.5 85.5 GE 70001 84.8 85.3 85.4 85.4 85.4 £5.4 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.5 GΕ 60001 85.8 86.5 86.6 96.3 86.4 86.5 86.5 86.5 86 . 5 86.5 86.6 86.6 86.6 86.6 86.6 86.6 GΕ 87.2 87.2 87.2 50001 86.6 87.1 87.2 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 4500 | 86.8 87.3 67.5 87.6 87.4 87.5 87.5 87.5 97.6 87.6 87.6 87.6 87.6 GF 40001 87.7 88.3 88.4 88.5 88.5 88.5 88.5 88.5 88.5 88.5 88.5 88.5 88.5 88.5 88.5 88 45 88.9 3500 | 88:0 89.0 89.0 89.0 GE 88.7 88.8 88.9 86.9 89.0 89.0 89.0 88.9 88.9 88.9 89.0 30001 89.0 99.1 90.2 90.2 90.3 90.2 93.2 90.2 90.3 90.3 93.3 90.3 GE 25301 89.5 93.5 90.7 90.8 90.9 90.9 91.0 91.0 91.0 91.1 91.1 91.1 91.1 91.1 91.1 91.1 GΕ 20001 90.2 91.4 91.7 92.0 92.0 92.1 92.2 92.2 92.2 72.2 92.2 91.8 92.0 92.1 92.2 1800 | 90.2 91.5 GE 91.8 91.9 92.1 92.1 92.2 92.3 92.3 92.4 92.4 92.4 92.4 92.4 92.4 92.4 15001 90.4 91.9 GΕ 92.3 92.5 92.7 93.1 93.1 93.1 92.8 92.9 92.9 93.0 93.1 93.1 93.1 92.9 12001 94.0 94.0 GE, 10001 91.1 92.9 93.4 93.8 94.1 94.3 94.5 94.5 94.4 94.6 94.7 94.7 94.7 94.7 94.7 94.9 95.3 GE GE 900| 91.2 800| 91.3 93.0 93.1 93.6 74 • 1 94 • 4 94.5 94.8 94.7 95.0 94.9 95.0 95.2 95.2 95.3 95.3 95.3 93.8 95.1 95.3 95.7 95.7 95.7 95.7 95.4 95.6 95.6 GE 7001 91.3 93.3 93.9 94.5 95.0 95.2 95.5 75.8 95.9 96.1 96.2 96.2 96.2 96.2 95.7 96.1 GE 6001 91.3 94.0 GĘ 5001 91.5 93.6 94.3 95.0 95.6 97.0 97.2 97.2 97.4 97.4 97.4 97.4 95.9 96.4 96.6 96.7 301 30 400 | 91.5 93.6 93.6 94.4 95 · 1 95.7 95.7 96.3 96.5 96.8 96.9 97.3 97.5 97.5 97.7 97.8 98.3 97.8 97.9 94.4 98.4 96.0 96.6 96.9 97.7 98.2 98.5 95.1 96.7 98 - 1 99.1 96.1 97.0 6E 1001 91.5 93.6 94.4 95.1 95.8 96.1 96.7 97.0 97.1 97.6 98.1 99:1 99.0 99.2 99.9 GΕ 0 91.5 93.6 94.4 95.1 95.8 96.1 96.7 97.1 98.1 99.0 99.2 99.5 100.0 27.0 97.6 99.1

GLOBÀL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ST#	HOÌT	NUMBER:	724686	STATI	ON NAME	: FT C	AR SCH / B	UTTS AA	F CO			PERIOD MONTH	OF REC	ORD: 79 HOURS	-81,83 (LST):	0300-0Š	oc ••••••••	• • • •
· CF	n tuc					•••••	;;	VIST	RILITY	IN STAT	UTF HIL	55			,			,
	IN IN	1 GE	ĆE-	GE.	GE	GΕ	GE	GE	GE	GE	GE	GE	GE	GΕ	GΕ	GE	GE	
			06.	UI.	-06	UL 7.	2 142	"				3/4			5/16		GE	
	EI	l, 10			4				1 1/2		1		- :	1/2	7	1/4	U	
• • •		• • • • • • •		• • • • • • •	•••••	•••••	•• •• • •	•••••		• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • •
										~					_			
-110	CEIL	1100.0	100.0	100:0	100.0	100.0	100.0	100.0	100.0	100.0	100.6	100.0	100.0	190.0	100.0	100.0	100.0	
-																		
GE	20000	01100.0	100.0	100.0	100.0	100.0	100.0	100 · C	100.0	100.0	100.0	100.0	100.0	100.0	100.0.	100.0	100.0	
GE	18000	01100.0	100.6	100.0	100.0	100.0	1 CO. G	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
			100.0	100.0	100.0			100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	
	-	1100.0	100.0	100.6	100.0			100.0		100.0	100.0	190.0	100.0	100.0	100.0	100.0	100.0	
UL,	12900	01100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
						_												
		01160.6	100.0	100.0	100.8	100.0		100.0		100.9		100.0	100.0	100.0	100.0	160.0	100.0	
GE	9000	01100.0	100.0	100.0	100.C	100.0	100.0	105.0		100.0	100.0	180.0	100.0	100.0	100.0	100.0	100.0	
GE	8000	0.0011	106.0	100.0	100.6	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	7000	01100.0	100.0	100.0	100.0	100.G	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GΕ			100.0	100.0	100.0		100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	
		,,,,,,,,,	.,,,,				10000		,	100.0			20010			10010		
GE	sanc	01100.0	ico.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE																		
		1100.0	100.0	100.0	100.0	100.0	100.0		190.0	100.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE		0 100.0	100.0	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE		01166-6	100.0		100.0	100.8	160.0		100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	3000	01100.0	100.0	100.C	160.0	180.0	130.0	160.0	100.0	100.0	100.C	190.0	100.0	100.0	100.0	100.0	100.0	
			ŕ															
C£	2500	01100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0	
GΕ	2000	1100.0	150.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
ĠΕ		1100.0	100.0	100.0	100.0	100.0	160.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
6E		1100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
6E		1160.6	160.0	100.0	100.0						100.0							
UL	1200	11100.0	100.0	100+0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
-																		
GE		1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE		1160.0	120.0	100.0	100.0	100.0	1 CO • Q	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	
ሪፎ	800	3 100.07	100.0	.100.0	100.0	100.G	100.0	100.0	100.G	100.0	100.0	100.0	160.0	100.0	100.6	100.0	100 •0	
GE	700	1100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	680	110G.C	100.0	100.0	100.0		150.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	• • •																	
GE	500	31100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	
GE.			100.0	100.0	160.0	100.0	106.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE		1100.0	120.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Ŀξ		1100.0	100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	100	1100.0	150.0	100.0	100.0	100.G	1 00.0	100+)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	10	0.0011	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS:

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GEOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86

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STATION-NUMBER: 724680 STATION-NAME: FT CARSON/BUTTS AAF CO

HONTH: DEC HOURS(LST): 0600-0800 . . . . . . . . . . . . VISIBILITY IN STATUTE MILES CE IL ING GE GE GE JIN 6E 6E 6E 2 1 1/2 1 1/4 GΕ GE. GF EELT: A 10 1/2 3 2 1/2 3/4 5/8 5/16 1/4 6 NO-CEIL 1 68.8 75.0 75.0 75.1 75.3 75.3 75.3 75.3 75.4 75 64 75:4 75.4 300601 74.5 75.6 75.1 75.1 75.1 75.1 75.4 75.4 75.6 75.6 77.2 75.6 75.6 77.2 60 160001 74.6 60 160001 74.6 75.6 75.6 75.1 75.3 75.3 75,4 75.4 75.4 75.6 75.6 75.6 75.1 75.4 75.6 77.2 75.1 76.7 75.4 75.4 75.6 75.6 75.1 75.3 75.3 77.0 76.7 77.0 77.0 148661 76.2 76.9 77.0 76.9 78.1 78.6 100001 80-3 80.8 80.8 81.1 81.3 81.3 81.3 81.5 81.5 81.5 81.5 81.5 81.5 8.05 9000| 80.5 -8000| 81.1 81.5 82.3 81.8 82.6 81.8 82.6 81.6 82.6 81.9 82.7 81.9 82.7 81.9 82.7 81.9 82.7 81.9 82.7 81.9 82.7 81.G 81.0 81.6 81.5 81.8 ĜE 81.8 82.4 22.3 82.6 81.8 81.6 7000 81.8 -60001 81.E 82.4 82.4 :62.9 82.9 23.2 83.2 83.2 83.2 83.4 83.4 83.4 83.4 83.4 83.4 500Čl 52.4 83.C 83.0 83.0 83.5 83.5 83.8 83.8 83.8 83.8 84.0 84.0 84.0 84.0 84.0 84 .0 45001 83.0 40001 83.2 83.7 84.2 83.7 84.2 83.7 GE 84.2 84.2 84.5 84.5 84.5 84.5 84.6 84.6 84.6 84.6 84.6 84.6 84.9 84.9 84.9 85.1 85.1 85.1 GF. 84.6 84.6 84.9 85.1 85.1 84.2 84.3 84.9 ĢĒ 3500 83.2 84.2 84.6 84.9 64.9 85.1 85.1 85 - 1 85.1 85.1 85.1 85.3 85.3 30001 83-4 85.3 85.3 85.3 GE. 34.3 84.3 84.8 84.8 85.1 85.1 85.1 85.1 85.3 86.7 86.7 GE 25001 84.3 85.6 85.6 85.6 86.2 26. 2 86.5 86.5 86.5 86.5 86.7 86.7 86.7 86.7 87.0 87.3 87.5 87.5 87.5 87.5 20001 84.9 87.0 87.3 87.3 67.3 87.5 υE 56.4 86.4 56.4 18001 84:9. 86.4 86.4 86.4 87.0 87.0 87.3 87.3 87.3 87.3 87.5 87.5 87.5 87.5 87.5 87.5 87.0 GE 15001 85.3 86.8 87.2 68.€ 88.0 88.3 88.3 88.3 88.3 88.4 88.4 88.4 88.4 88.4 88.4 12001 85.6 87.3 87.5 68.9 80.4 89.5 GE 10001 86. i 87.8 88.1 88.6 89.9 90.3 90.3 90.3 99.5 90.5 90.5 98.5 90.5 90.5 90.0 90.3 200| 66.1 866| 66.1 700| 86.1 GE 88.3 96.3 90.5 90.8 91.0 91.0 91.1 91.3 91.3 91.3 65 65 88.0 28.4 89.1 90.5 90.6 91.1 91.0 91.4 91.1 91.6 91.1 91.6 91.8 91.4 91.9 91.4 91.4 91.9 91.4 91.4 91.4 88.7 90.8 91.9 91.9 88.3 69.4 ĢE 600| 86.1 88.9 91.0 GΕ 5501 86.1 28.9 89.5 90.3 91.8 92.2 92.6 92.7 92.9 93.0 93.2 93.2 93.2 93.2 93.2 93'48 92.4 92.7 GE 4601 86.2 89.4 90.2 91.0 92.9 93.2 93.5 93.7 93.8 94.0 94.0 94.5 94.5 94.5 95.2 95.9 95.9 89.4 90.2 93.2 93.3 93.7 94.5 95.2 95.4 95.9 96.8 GΕ 3001 86.7 91.1 94.0 94.1 99.5 2001 86.2 90.3 95.6 97.9 98.3 GE 1001 86.4 29.5 90.6 91.6 93.2 93.7 94.5 94.6 95.9 97.1 97.3 97:9 98.3 98.6 100.0 94.5 GE. 31 86.4 99.5 90.6 93.2 93.7 94.6 97.1 97.3 97.9 98.3 98.6 100.0

GLOBAL CLIMATOLOGÝ BRANCH USAFETÁC ATR MEATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM-HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: DEC HOURSILS STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO HOURS(LST): 0900-1100 CE ILING VISIBILITY IN-STATUTE MILES GE GE 3 2 1/2 GE GL 10 GΕ GE<sub>4</sub> GE 2 GE 1 1/2 GF' ĜF ŤĦ GF GE GF GE 5/8 1/2 5/16 1/4 NO CEIL | 63.1 64.3 64.4 64.4 64.4 64.4 71:7. 72:2 72:3 72.0 72.6 73.1 73.2 200001 70.9 72.5 72.6 72.6 72.6 72.6 72.8 72.8 72.8 72.8 72.8 72.9 72.9 72.5 72.6 74.8 16000| 71.3 16000| 71.4 72:9 73:1 73.1 73.2 73.1 73.2 73.1 73.2 73.1 73.2 73.2 73.4 73.2 73.4 73.2 73.4 73.2 73.4 73.2 73.4 73.4 73.5 73.4 73.5 ĞĒ 140001 73.6 74.5 75.3 75.4 75.4 75.4 75.4 75.5 75.5 75.5 75.5 75.5 GE 120001 75.1 76.0 76.3 76.7 76.9 76.9 76.9 76.9 76.9 77.C 77.0 77.0 77.0 77.0 77.2 77.2 ée Ge 80.5 80.5 80.5 160001 78.8 79.6 79.9 80.4 80.5 813.5 80.7 83.7 80.7 80.7 8C.7 80.8 80.8 90001. 79-1 8C.7 80.8 80.8 80.8 81.0 83.0 81.0 83.0 83.9 81.0 83.0 79.9 81.8 80.2 89.8 80.8 81.C 81.0 83.0 81.1 1.18 82.1 82.9 82.6 83.5 82.9 83.7 82.9 83.7 82.9 83.7 82.9 83.7 GE. 80301 80.8 82.9 8349 83.2 83,2 33 70001 81.1 83.7 83.9 83.9 82.4 83.9 83.9 84.0 84.0 60001. 61.7 83.0 84 •8 84.6 84.6 50001 93.7 85.2 85.2 85.4 85.4 85.4 85.2 85.4 85.4 85.5 85.5 84.6 GE GE 4500| 82.6 4000| 82.9 84.2 84.6 85.2 85.9 85.9 86.7 85.9 85.9 85.9 85.9 86.1 86.1 86.8 86.1 86.1 86.2 87.0 86.1 86.7 86.7 86.7 86.7 86.8 86.8 86.8 86.8 87.0 35601 82.9 87.0 6E 30001 83.2 85.1 85.8 86.4 87.1 87.1 87.1 87.1 87.1 87.3 87.3 87.3 87.3 87.3 87.4 87.4 25801 GÉ 87.0 88.C 88.0 88.0 88.0 88.0 88.1 83.1 88.1 88.1 88.1 88.3 20001 84.3 GE 88.9 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 26.2 87.3 87.8 88.9 88.9 88.9 88.9 89.2 89.3 89.3 18001 84.3 88.9 88.9 62 15001 64.3 86:4 87.4 88.0 89.0 89.0 89.0 89.0 89.3 89.3 89.3 89.3 89.3 89.3 89.5 89.5 GE 12001 84.3 86.4 87.6 89.5 89.5 89.5 69.5 89.8 89.8 89.8 89.8 88 . 1 89.8 89.9 89.9 GE 10001 84.6 88.0 90.5 91.2 91.4 91.4 91.7 91.7 86.8 88.9 90.6 91.7 91.7 91.7 91.8 91.8 91.5 91.8 91.7 91.9 92.4 93.1 91.9 92.4 93.1 91.9 92.4 9001 84.6 GE. 86.8 87.0 89.0 90.6 90.8 91.7 91.9 91.9 92.1 92.5 92.4 92.4 89.2 99.8 90.9 G£ 88.1 92.5 7001 84.6 88.Í 89.6 91.5 92.4 92.7 92.7 93.1 93.3 93.3 GE 600 84.6 93.0 93.4 93.9 93.9 υE 1002 88.4 95.2 94.4 94.7 94.7 95.8 84.8 92.1 93.4 93.6 95.3 95.3 95.5 95.3 96.3 96.3 95.3 96.3 96.3 9001 84.8 27.3 57.3 88.6 1.88 90.5 90.6 92.2 92.7 92.5 93.0 93.9 94.3 94.0 94.4 94.9 95.5 96.0 97.2 96.0 97.4 96.2 97.7 96.6 98.1 őE. 3001 64.6 99.1 SE 2001 84.8 \$7.3 88.7 90.6 92.7 93.0 94.3 94.4 95.5 98.0 98.2 98.5 1001 64.8 90.6 100.0 85.7 22.7 93.0 93.9 94.3 94.4 95.5 96.3 96.3 98.0 98.2 98.7 91 64.8 SE. 67.3 88.7 90.6 92.7 93.0 93.9 94.3 95.5 96.3 96.3 98.0 98.2 98.7 100.0

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GEOBAL CLINAŢŌLŌGY-ĢRĂÑCP USAFETĂC TAIŘ: WEATKÉR SERVICEMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

ST	TIČH :	·NU	MBER;	.72468C	STATIO	ON-NAHĘ:	FT C	AR SON∕B(	JTTS AA	F CO			PEPIOD MONTH	DEC	HOURS	ILST):		00
	LING	• • •	• • • • • • • • • • • • • • • • • • •		••••	• • • • • • • •		••••••		BILITY		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • • • • •
FE	IN ET		6E 10	-GÊ Ê	ĢE <sub>,</sub>	GE .	6E 3	GE 2 1/2	ĞE 2	GE 1 1/2	GE 1-1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4·	Ġ E O
٠٠,		• • •	••••	• • • • • • • •	•••••	• • • • • • •		· · · · · · ·	• • • • • •	••,••••	• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • • • • •
00	CEIL	ŀ	61.5	62.2	62.2	62.4	62.5	62.5	62.5	6 <b>2.</b> 5	62.5	62.7	62 <b>.</b> 1	62.7	62.7	62.7	62.7	62.7
30،	20000	31	70.4	71.5	71'-5	71.8	72.5	72.5	72.5	72.5	72.5	≟72 <b>∙</b> 7	72.7	72.7	72.7	72.7	72.7	72.7
	18000			72:4	72.4	72.7	73.4	73.4	73.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6
	16000			72.7	72.7	73.0	73.7	73.7	,73•7	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9
	14000			74.8	74.8		75.8	75.8	75.8	75.8	75.8	76.C	76.0	76 • 0	76.0	76.0	76.0	.76 ₄0
6E	12700	11	76.0	77.2	77.2	77.5	78.2	78.2	78.2	78.2	78.2	78 • 4	784	78 • 4	78.4	78.4	78.4	78.4
38	10000	1	77.6	80.9	80.9	81.2	81.9	81:9	81.9	81.9	81.9	82.1	82.1	82.1	82.1	92.1	-82 - 1	82.1
CE	9000	ì	79.7	81.0	81.0	81.3	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GΕ	8000	1.	61.3	82.7	82.8	23.1	83.9	23.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	-84 •G
ŷΕ	7000	11	81.5	82.8	93.0.	83.3	84.0	84. C	84.0	94.℃	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
ćΕ	6000	1	82.2	83.6	83.7	84.0	84.8	84.8	84.8	84.8	84.8	84.7	84.9	84.9	84.9	84.9	84.9	84.9
GE	scoo	) I	8247	84.0	84.Ž	84.5	85.2	85.2	85.2	85.2	85.2	85.4	85.4	85, 4	85.4	85.4	85.4	85 •4
GΕ	4500	11	83.0	84.5	84.6	84.9	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85 . 8	85.8	85.8	85.8	85.8
ĞE	~4000	16	83.4	84.9	85.4.	85.8	86.7	86• 7	-86 • 7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86 • 9
ĠE	3500	) [	83.7	85.2	85.7	86.1	87.0	87.0	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.•2
ĠΕ	3,000	) I-	84.0	85.5	86.0	86.4	87.5	87.5	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
ΰĒ	2500	31 ·	84.9	86.6	87.6	87.6	88.7	88.7	88 •8	88.8	88.8	89.0	89.0	89.0	89.Õ	89.0	89.0	89.0
GΕ	2000	10	85;4-	87.5	87.9	88.5	89.7	89.7	9°C • 1	99.3	90.3	90.4	99.4	90.4-	90.4	90.4	90.4	90.4
GE	1860	10	85.4	87.5	87.9	88.5	89.7	89.7	90.1	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE			85.4	٤7.5	87.9	88.5	89.7	89.7	90.3	90.4	90.4	90.6	90.6	9016	90.6	90.6	90.6	90 •6
GE	1580	10	85.7	88. i	88.5	89.1	90.3	90.3	90.9	91.2	91.2	91.3	91.3	91.3	91+3	91.3	91.3	91.3
GΕ	1000	11	86.3	88.8	89.3	90.3	91.6	91.6	92.7	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE	900	11	86.3	8.88	89.3	99.6	92.2	92.2	93.3	93.9	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94 •5
ĢΕ	800	16	86.3	8.88	89.3	90.6	92.4,	92.5	93.6	94.2	94.3	94.8	94.8	94.8	94.9	95.1	95.1	95.1
GΕ	700	3 f	863	8.83	89.3	90.6	92.4	92.5	93.6	94.2	94.3	94.8	94.8	94.8	94.9	95 • 1	95.1	95 •1
GE	630	91	86.3	3.88	89.6	90.9	92.8	93.0	94.0	94.6	94.8	95.5	95.5	95 • 5	96.1	96.3	96.3	96 •3
GĘ.	500	51	86:3	88.8	89.6	90.9.	93.0	93.1	94.2	94.8	94.9	95.7	95.7	95.7	96.4	96.7	96.7	96 •7
G.	400	16	36.3	88:8	89.6	90.9	93.0	93.1	94.2	94.8	94.9	95.7	96.0	96.0	96.7	97.0	97.0	97.0
66			86.3	3.85	89.6	96.9	93.0	93.1	94.2	95.1	95.2	96.0	97.2	97.2	98 • 2	98.5	98.7	98 •8
GE	200	21	86.3	88.83	89.6	90.9	93.0	93.1	94.2	95.5	95.7	96.4	97.6	97.6	99.3	99.3	99.6	99.9
GE			86.3	58.8	89.6	90.9	93.0	93.1	94 • 2	95.5	95.7	96.4	97.6	97.6	99.0	99.3	99.6	100.0
GE		ol	86.3	88.8	89.6	90.9	93.0	93.1	94.2	95.5	95.7	96.4	97.6	97.6	99.0	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 610

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GLOBAL CLÍMATÖLÖGY BŘÁNCH -USAFETAC AIR REÁTHER SERVIČE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY.

51	átjon í	INWRÉE ;	7,2468C	STATI	.: Энан -ЙО	FT- C	AR SON / BI	JTTS AA	F CÓ			PERIOD HONTH	OF REC	ORD: 77	-86 (LST1:	1500-17	00
	IL ING	*****	• • • • • • • •		• • • • • • • •			UTCI	OTITTY	IN STATE	11C WIL	* * * * * * * * * * * * * * * * * * *		• • • • • • • •	• • • • • • •	;;	• • • • , • • • • • • •
		'GE	GE	GΕ	GE	GΕ	6E	GÈ	ĞE	GE	-GE	GE	GΕ	GE	GE	GE	GE
	EUT I		. 6 0Ľ	5	ŭ		2 1/2		1 1/2		1.	3/4	5/8	1/2	5/16	1/4	6
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• •			•••••	- ,	• • • • • • • • • • • • • • • • • • • •		,							. ,			
00	ceil l	67.0	-67.5	67.5	67.5	67.5	67-5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GΕ	2000Ó I	79.7	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GΕ	186991	75.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77 1.
65	460001	76.2	77.3	7.7 . 3	77.3	-77.4	77.4	77.4	77.4.	77.4	77.4	-7774	77.4	77.4.	77.4	77.4	77.4
ÉÉ	14000]	. 77.4	79.0	7.9 . 0	79.3	79.1	79.1	79.1	79.1	79 - 1-	79:1	79.1-	79.1	79.1	79.1	79.1	79'•1
GÈ	120001	78.6	8012	80.2	£0.2	80.3	80€3	88.3	8Ó: 3	80.3	80.3	89.3	80.3	80.3	80.3	80.3	80.3
	•	•				,											
	100091		82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82 •9
GE		81.9	83.6	8346	83.8	84.1	84 • 1	84.1	84.1	84.1	94.1	84.1	84 - 1	84.1	84.1	84.1	84 .1
GE.		- 82.2	83.9	83.9	84.1	84:4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84 • 4	84.4	84.4	84.4
GE		82.2	83.9	83.9	84.1	84:4	34.4/	84.4	184.4	84 4	84.4	84 • 4	84.4	84.4	84.4	84.4	84 •4
Ĝξ	63001	83.4	85.1	85.1	·85 ÷ 3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE	50001	84.8	86.5	86.5	86.7	87.0	87.0	à7.0	87.0	87.9	8710	87.0	87.0	87.0	87.0	87.0	87.0
GE	45001	84.8	86.7	á6.7	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	27.2	87.2	87.2	87.2	87.2
GΕ	40061	65.5	87.5	87.5	87.7	38.2	88.2	88 . 2	88.2	88.2	88.2	88.2	88.2	88.2	2.83	88.2	882
GÉ	35001	86.3	88.7	88.7	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	29.4	89.4	89.4
GC	3005.1	86.6	89.2	89.2	89.4	89.9	89.9	90.1	90-1	90.1	90.1	9041	90.1	90.1	90.1	90.1	90.1
GE	25001	. 97 5	89.9	89.9	90.1	90.6	90.6	93.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
ĞË	20001		93.8	90.9	91.1	92.0	92 • 1	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE	18001		90.8	90.9	91.1	92.0	92.1	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
6E		87.9	99.9	91.1	91.3	92.1	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
	- 1200		91.3	91.6	92.0	92.8	93.0	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
						,											
- G€		88.2	91.6	92.3	92.6	93.5	93.7	94.0	94.0	94.0	94.4	94.4	94 • 4	94.4	94.4	94.4	94 .4
GĘ		88.2	91.6	92.6	93.3	94.4	94.5	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
υ£	8001	88.2	91.6	92.6	93.3	94.5	94.7	95.2	95.4	95.4	95.9	95.9	95.9	95.9	96.2	96.2	9.6 •2
u.		88.2	91.6	93.3	94.2	95.4	95.6	96.2	96.4	96.4	95.9	96.9	96.9	96.9	97.3	97.3	97.3
GĘ	6001	85.2	91.6	93.3	94.4	95.9	96.1	96.8	96.9	96.9	97.4	97.4	97.4	97.4	97.8	97.8	97.8
39	5001	88.2	91.6	93.3	94.5	96.1	96.2	96.9	97.1	97.1	5.7.6	97.6	97.6	97.6	98.5	98.5	98.5
GΕ	4301	88.2	91.6	93.3	94.5	96.1	96.2	96.9	97.1	97.1	97.6	97.6	97.6	97.6	98.5	98.5	98.5
GE		88.2	91.6	93.3	94.5	96.1	96.2	96.9	97.1	97.1	97.6	97.8	97.8	97.8	98.6	98 • 8	98.8
6°	2001	88.2	91.6	93.3	94.5	96.1	96.2	97.1	97.3	97.3	97.9	98 - 1	98.1	98.3	99.1	99.3	99.7
G£	1001	88:2	91.6	93.3	94.5	96.1	96.2	97.3	97.4	97.4	98.3	98.5	98.5	98.6	99.5	99.7	100.0
GE.	JI	68.2	91.6	93.3	¢4.5	96.1	96.2	97.3	97.4	97.4	98.3	98.5	98.5	98.6	99.5		100.0

GLOBAL -CLIMATOLOGY BRANCH AIR WEATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTIS AAF CO PERIOD OF RECORD: 77-86 MONTH: DEC HOURS(LST): 1800-2000 CE IL ING VISIBILITY IN STATUTE HILES CE GE .1. 1/2 GE 5/8 ·TÁI GΕ GΕ GE. GF GE. FEET 1 1/4 .10 5. 3 2 1/2 3/4 1/2 5/16 1/4 NO CEIL | 73.7 74.1 6E 200001 80.5 85.8 80.8 80.8 89.8 8 . 68 80.8 83.8 80.8 86.8 80.8 80.8 80.8 80.8 81.2 81.2 GE 180001 80.5 GE 160001 80.5 GC 140001 62.5 80.8 80.8 80.8 83.8 80.8 80.8 80.8 85.8 80.8 80.8 80.8 8.68 8.09 81.2 81.2 83.8 82.3 80.8 82.3 81.2 82.7 81.2 82.7 89.8 20.4 83.8 8048 81.8 80.8 80.8 80.8 80.8 80.8 62.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 GC 120001 82.7 63.1 83.1 83.1 1000¢| 86.i 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.5 86.8 86.8 87.2 88.0 GE GE 90001 86.8 97.2 98.0 87.2 88.0 87.2 87.2 88.0 87:2 86:0 87.2 88.0 87.2 88.0 87.2 88.0 87.2 88.0 87.2 87.2 88.0 87.2 88.0 ₿7**.**6 87..6 6.83 88.0 88.3 88.3 70001 88.0 88.3 88.3 7.98 | 6009å. 89.1 89.1 89:1 89.1 89.1 89.1 89.1 89.1 89.1 89.1 89.1 89.1 1.63 89.5 89.5 89.5 89.5 89.5 GΕ 50001 8971 89:5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.8 89.8 89.5 91.0 45001-89.1 89.5 89.5 ĞÈ 89.5 89.5 89.5 89.5 89.5 89.5 91.0 89.5 89.5 89.5 89.8 8. 98 91.B 92.9 GE 46001 90.6 91.0 91.0 91.0 91.0 91. D 91.0 91.0 91.0 91.0 91.G 91.4 91.4 GE 92.9 92.9 93.6 35001 92:5 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 93.2 93.2 30001 93.2 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 94.0 94.0 GE 25001 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95 - 1 95.1 95.1 95.5 95.5 94.4 10005 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.6 1830 | 94.4 96.2 96.6 96.6 97.0 96 .6 97 .0 GE 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.2 6É 96.2 96.6 96.2 96.6 96.2 96.6 96.6 96.6 96.6 96.6 96.6 96.6 12001 94.4 96.2 96 . 2 96.6 96.6 10001 96.2 96.6 96.6 96.6 96.6 96.6 96.6 96.6 9001 94.4 96.2 96.6 96.6 96.6 96.6 97.0 96.6 97.0 96.6 96.6 96.6 96.6 97.0 97.4 GE 96.2 96.2 96.6 Ğξ 96.2 96.2 97.0 97.4 GE 9,4 . 4 96.2 97.0 97.0 97.C 97.0 97.0 97.0 GE 1004 94.4 96.2 96.2 96.2 97.4 97.4 97:4 97.4 97.4 97.4 97.4 97.7 97.7 GE 5861 94.4 96.2 97.0 97.0 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.5 98.5 94.4 97.7 97.7 99.2 99.2 9001 96.2 9.9 • 2 99.2 99.2 GΕ 99.2 99.2 99.2 99.6 99.2 99.2 99.6 3001 94.4 96.2 97.7 97.7 99.2 99.2 99.2 99.6 99.6 99.6 99.6 99.6 99.6 99.6 100.0 GE 100.0 GE 2061 94.4 36.2 97.7 97.7 99.2 99.2 99.2 99.6 99.6 99.6 99.6 99.6 99.6 99.6 100.0 100.0 1001 99.2 96.2 99.6 99.6 99.6 99.6 99.6 99.6 99.6 100.0 100.0 бE 31 94.4

99.6

99.6

99.6

100.0 100.0

TOTAL NUMBER OF COSERVATIONS:

96.2

97.7

97.7

99.2

99.2

99.2

99.6

99.6

99.6

99.0

GLOBAL CLÍMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC'

PÉRCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 77-86 HONTH: DEC HOURS (LST): 2160-2300 . . . . . . . . . . . VISIBILITY IN STATUTE HILES CEILING -GE GE -GE GΕ GΕ GE. GΕ SE GE GΈ GE Gζ GΕ GΕ GE 111 10 -6 5 4 3 .2 1/2 2 :1 1/2 1 1/4 3/4 5/8 -1/Ž 5/16 1/4 0 NO CEIL | 75.0 75.9 7.5.9 75.9 75.9 75.9 75.9 75.9 75.9 75.9 75.9 75.9 75.9 75.9 75.9 75 39 200001 81.1 82.0 82.0 82.8 82.0 82**.** 0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 ĠΕ 18000 | 81.1 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82 (0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0 92.0 82.0 GE GΞ 140001- 62-0 82.9 82.9 82.9 82.9 82.9 82.9 82.9 82.9 82.9 82.9 82.9 82.9 82.9 82.9 SE 120001 83.8 84.6 84.6 24.6 84.6 84.6 84.6 84.6 84.6 84.6 84.6 84.6 84.6 84.6 84.6 84 .6 GE 100001 88.6 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89:5 89.5 89.5 89.5 89.5 GE 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 90001 88.6 89.5. 89.5 89.5 89.5 GE 8.68 10008 89.5 89.5 89.5 89.5 89.5 d9.5 89.5 89.5 89.5 89.5 80.5 89.5 89.5 89.5 89.5 89 .5 GE 72:101 88.6 89'.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 89.5 62301 89.9 93.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 GE '5000 I 90.8 90.8 90.8 90.8 96.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 91.2 92.1 GE GE 45001 89.9 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 91.2 91.2 91.7 91.7 40001- 90.4 35001- 90.8 91.2 91.2 91.2 91.2 92.1 91.2 92.1 91.2 92.1 91.2 91.2 91.2 91.2 91.2 91.2 92.1 92.1 92.1 92.5 GE. 30001 90.8 91.7 91.7 92.1 92.1 92.1 92.1 92.1 92.5 92.5 92.5 92.5 92.5 GΕ 25001 90.8 91.7 91.7 91.7 92.1 92.1 92.1 92.1 92.1 92.1 92.5 92.5 92.5 92.5 92.5 92.5 93.0 93.0 93.4 GE GE 2000| 91.7 1800| 92.1 72.5 93.3 92.5 93.0 92.5 93.J 93.9 94.3 93.9 94.3 93.9 94.3 93.9 94.3 94.3 94.7 94.3 94.7 94 • 3 94 • 7 94.3 94.7 94.3 94.7 94.3 94.7 95.2 95.6 95 .6 ĞE 15001 93.0 93.9 93.9 93.9 94.3 94.3 95.2 95.2 95.2 95.6 95.6 95.6 95.6 GE 93.9 94.3 12001 93.9 94.3 95.2 95.6 93.9 95.2 95.2 95.2 95.6 95.6 95.6 95.6 95.6 95.2 GE 10001 93.0 93.9 93.9 93.9 94.3 94.3 95.2 95.2 95.2 95.6 95.6 96.1 96.1 96.1 96.1 900| 93.0 93.9 93.9 93.9 94.3 94.3 95.2 95.2 95.2 96.1 96.1 93.9 95.2 95.6 95.6 GE 96.1 96.1 93.9 94.3 94.3 94.7 GĒ 95.2 95.2 95.2 95.2 95.6 95.6 96.1 96.1 96.1 96 .1 7001 93.0 93.9 94.7 GF 93.9 26.5 95.6 75.6 95.6 95.6 94.1 96.1 96.5 96.5 96.5 96.1 96.1 96.5 96.5 96.9 96 • 9 SE E301 93.0 93:9 94.7 94.7 96.1 96.1 96.9 96.9 96.9 96.9 97.4 97.4 97.8 97.8 97.8 97.8 GE GE 4001-93.0 3001-93.0 94.7 94 • 7 94 • 7 96.1 96.1 97.8 97.8 97.8 97.8 93.9 96.9 96.9 96.9 96.9 97.4 97.4 97.8 97.8 96.1 93.9 96.1 96.9 97.8 96.9 97.8 97.4 97.4 97.8 97.8 96.9 96.9 93.0 73.9 98.2 98 • 7 98 • 7 Gξ 2001 96.1 99.1 68 1001 93.0 93.9 94.7 94.7 96.1 96.1 96.9 97.8 97.8 98.2 98.7 99.1 99.1 99.1 100.0 GE 31 93.0 73.9 94.7 94.7 96.1 96.1 96.9 97.8 97.8 98.2 98.7 98.7 99.1 99.1 99.1 100.0

TOTAL NUMBER OF OBSERVATIONS: 228

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

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# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

STÁ	H' NOLT	UPBER:	72468 Q.	STATI	ON NAME:	ĚΤ	C'AR SON /B	UTIS AAF	. có			GOIRBA	OF REC		-86 (LST):	ALL	
	Ling.	• • • • • • 1	• • • • • • •	• • • • • •	· · · · · · · · · ·	•••••	• • • • • • •	VISIG	ILITY	IN STATE	JIE HIL	ES.	• • • • • • •			• • • • • •	••••
.1		GΕ	6E	GΕ	GE	-GE	GE	GE	` GE	GΕ	GE	GE.	GΕ	G€	GE	GE	GE
	ÉT Ì	11	6	5	4	3				1.1/4	1	3/4	5/8	1/2	5/16	1/4	0
													• • • • • • •				
				•				-									
NÓ	CEIL 1	65.6	67.2	67.3	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6
	•		-														
GE -	20000 ls	73.9	74.7	74.7-	74.9	75.1	75 - 1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3
GE	160001	74.5	75.3	75.4	75.5	75.8	75.6	75 • 8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	76.0	76.0
	160001		75.5	75.5	75.7	76.7	76.0	76.9	76.0	76.0	76.0	76:1	76.1	76.1	76.1	76.1	76.1
	140001		77.3	77.3	77.5	77.7		77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9
GΕ	15699	77.9	78.8	78,9	79.0	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.5	79.5
				•													
	100001		82.1	82.2	82.4	82.7		82.7	82.7	82.7	82.8	8 Ž • 8	82.8	8.58	82.8	82.9	82.9
GE	90001		82.5	82.6	82.6	83.1		83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
ĢΕ	8300		83.6	83.7	83.9	84.2		84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84 •5
ĠĘ,	79001		83.9	84.3	84.2	84.6		84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9
GΕ	60001	83.4	84.6	84.7	84.9	85.4	85.4	85.4	85.4	85.4	85.5	8545	85.5	85.5	85.5	85.6	85 •6
		00:1	05.7	٠											01.0	0/ 7	n/ 7
GE.	50001		85.3	85.4	85 • 6	86.0		86 • 1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3
GE	4500		85.6	85.7	86 • C	86.5		86 +5	86.5	86.5	86 • 6	86.6	86.6	86.6	86.6	86.7	86 • 7
GF.	4008		36.2	86.5	86 • 8	87.3		87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	8715
GE GE	35001		36.7	87.9	87.2	87.8		87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88 •1
u t	3000[	03.0	87.1	87.3	87 • 6	88.2	88 • 2	83.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
ĞΕ	25001	86.3	38.0	88.2	88.5	89.2	89.2	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.6	89.6
ĞΕ	20001		68.8	89.1	87.4	90.2		90.5	90.6	90.6	90.7	90.8	90.8	93.8	90.8	90.8	90.8
ČE.	1800		88.88	89.2	89.5	70.3		90.6	90.6	90.6	90.7	97.8	90.8	90.8	93.8	90.9	90.9
GE	15001		8910	89.4	89.7	93.6		91.0	.91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2
GE	12001	87.1	89.3	89.8	90.2	91.1		91.5	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.9	91.9
υE	16001	87.5	89.7	90.3	90.9	92.0	92.1	92.7	92.8	92.9	93.8	93.1	93.1	93.1	93.1	93.2	93.2
GE	9001	87.5	89.8	90.4	91.2	92.5	72.5	93.1	93.3	93.4	93.6	93.7	93.7	93.7	93.7	93.8	93.8
GΕ	8001	87.5	89.8.	90.5	91.2	92.6	92.7	93.4	93.6	93.7	94.0	94.0	94.0	94.1	94.2	94.3	94.3
30	750	87.5	89.9	90.7	91.6	93.0	93.2	93.8	94.1	94.1	94.5	94.5	94.5	94.6	94.7	94.8	94 •8
ĞΕ	6001	87.5	89.9	90.8	91.7	93.3	93.5	94.2	94.5	94.5	95.0	95.0	95.0	95.2	95.3	95.4	95 •4
GE.		87.5	90.1	91.1	92.2	93.8		94.7	95.0	95.1	95.5	95.7	95.7	96.0	96.2	96.3	96 •5
GE		87.5	90.2	91.3	92.4	94.1		95.0	95.3	95.4	95.9	96.1	96.1	96.6	96.8	96.9	97 •1
GE		87.5	90.2	91.3	92.5	94.2		95.0	95.6	95.7	96 • 3	96.9	97.0	97.5	97.8	97.9	98 •3
65		87.5	90.2	91.4	92.5	94.3		95.2	95.8	95.9	96.7	97.5	97.6	98.4	98 • 8	99.0	99 •6
33	1001	87.6	93.2	91.4	9216	94.3	94.6	95.3	95.9	96.0	96.9	97.7	97.7	98.5	98.9	99.2	100+0
GE.	71	ن7.6	90.2	91.4	92.6	94.3	94.6	95.3	95.9	96.0	96.9	97.7	97.7	98.5	98.9	99.7	100.0
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GLOBAL CLIMATOLÔGY BRANCH USAFETAC AIR NEATHER SERVICE/MAC PERCENTAGÉ FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISÍBILITY
FROM -MOURLY OBSERVATIONS

ȘTAT1	011-111	UNBER:	72468C	STATI	: ŠHAN NO	FI (	CAR SON / BU	AA ŞITU	F CO			PERIOD Month	OF REC	ORD: 77- HOURS	-87 (LST):	ALL	
CÈILI		ì,• • •,• • •	•••••	•••••	• • • • • • • •	•••••	• • • • • • • •			IN STATE			••••	• • • • • • •		• • • • • •	••••
IN	- 1	GE	GE	GΕ	GE	GΕ	GE	GE	GΕ	ĠĘ	GΕ	GΕ	GΕ	GE	GΕ	GΕ	GE
FEET	1	10	6	5	4	3.	5, 1/5	2	1.1/2	1.174	1	3/4	5/8	1/2	5/16	17.4	G
• • • •	• • • •	• • • • • •	******	•••••	• • • • • • •	• • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • • •
NO CE	וגו	62.1	62.5	62.6	62.6	62.6	62+6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
6E 20	coo I	69.7	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	73.4	70.5	70.5
GE 18			7C.6	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	79.9	70.9	70.9	70.9	70.9	70.5 70.9
GE 16			71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 14			72.8	72.5	72.9	73.0	73.0	73.G	73.6	73.0	73.9	73.0	73.0	73.0	73.0	73.0	73.0
GE 12			75.4	75.5	75.6	75.7	75• Ì	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
0. 1.	,,,,,,,	, , ,		, 5 • 5	1510	,,,,,	,,,,,	,,,,,				1311					7541
GE 10	coel	78.2	78∶€	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
		78.8	79.5	79.6	79.7	79.8	79.8	77.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 8	0001	69.0	80.8	60.9	80.9	0.18	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
6E 7	COCI	89.4	81.2	81.3	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 6	0001	82.C	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1	33.1	83.1	83.1	83.1	83.1	83.2	83.2
		84.9	85.9	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3
		85.7	86.7	86.8	86.9	87.0	87. U	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87 •1
		87.7	88.8	88.9	89 • D	89.2	89 • Z	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
		88.5	89.7	89.9	90.0	90.2	90•2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3	0001	89.4	90.8	91.1	91 • 2	91.4	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
		90.0	91.5	91.8	92+0	92.2	92 • 3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92 •5
		90.5	92•2 92•3	92.5	92.8	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
		99.6		92.7	92.9	93.2	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
		93.9 91.1	92.7 93.1	93.2 93.5	93.4 93.6	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94 •2
06 1	4 JU I	A 1 + 1	A2+1	43.0	73.0	94.3	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8
GE 1	0001	91.3	93.6	94.1	94.5	95.0	95.1	95.3	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95 •7
		91.4	73.7	94.3	94 • 8	95.3	95.4	95.7	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96 •1
		91.5	93.9	94.5	94.9	95.6	95.7	95.9	96.1	96.1	96.3	96.4	96.4	96.4	96.5	96.5	96.5
		91.5	94.0	94.6	95.1	95.8	95.9	96.2	96.4	96.4	96.6	96.7	96.7	96.8	96.8	96.9	96.9
		41.6	94.1	94.7	75.3	96.0	96.2	96.5	96.8	95.8	97.1	97.1	97.1	97.3	97.3	97.3	97.4
				• • • •			,,,,		,,,,	,,,,						,,,,,	, , , ,
	1002	91.6	94.2	94.9	95.5	96.4	96.5	96.9	97.2	97.2	97.6	97.7	97.7	97.8	97.9	97.9	98.0
GE		91.6	94.2	95.0	95.7	96.5	96.7	97.2	97.5	97.6	97.9	98.1	98.1	98.4	98.4	98.5	98.5
		91.6	94.3	95.0	95 • 7	96.7	96.9	97.4	97.7	97.9	98.2	98.5	98.5	98.8	98.9	98.9	99 •1
		91.6	94.3	95.1	95.7	96.7	96.9	97.5	97.8	97.8	98.3	98.6	98.7	99.1	99.2	99.4	99 •6
υĘ	1001	51.6	94.3	95.1	95.7	96.7	96.9	97.5	97.8	97.9	98.4	98.7	98.7	99.2	99.3	99.5	99.9
6E	21	91.6	01: 7	00.1	05.7	۰	0/ 6							00.5	00 #		100.0
	-	-	94.3	95.1	95.7	96.7	96.9	97.5	97.8	97.9	98.4	98.7	98.7	99.2	99.4	99.5	
	• • • •		• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • •	• • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	••••

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS. GLOBAL CLIMATOLÓGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: MÔNTH: JAN PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER FOURS | (LST) | TOTAL 0, 3 ٠5 2 6 10 MEAN 085 CC-02 1 03-05 | 100.0 3.0 1 06-08 | 13.1 43.6 26.3 20.1 5.6 697 39-11 | 6.0 40.7 33.3 20.1 6 • 2 738 12-14 [ 5.6 35 • 3 20.9 728 38.2 6.6 15-17 | 23.1 5.4 35.2 35.9 6.6 657 18-26 | 19.7 37.9 19.7 22.6 5.2 380 21-23 | 21.5 21.2 5.1 326 TOTALS ! 10.4 25.0 18.3 5.5 3527 46.3 PERIOD OF RECORD: MONTH: FEB STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO 78-87 PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER HOURS | TOTAL 0 (LST) 1 9 10 MEAN 085 99-92 I 03-05 | 60.0 20.0 20.0 5 06-06 [ 46.1 22.5 24.8 640 69-11 | 6.4 37.9 24.0 6.4 675 31.7 12-14 | 37.2 3.9 675 34.1 24.9 6.7 15-17 3.0 34.5 37.7 24.8 6.9 605 18-20 | 39.6 350 22.0 5.5 24.0 -1-23 | 22.0 35.5 313 23.3 5.1 19.2

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GLÓBAL CLIMATOLOGY BRANCH UŞAFETAC -ÂÎR ŞCATHER SERVICE/MAC

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## PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER:			иане;: 1	FT CAR	S011/BUT	TS AAF 'CO				D OF RE H: MAR	CORI):	78-87		
HOURS -(LST)	i	0	1 :	2	3	FPEQUENC	5*	6	7	8	9	10	MEAN	TOTAL OBS
03-02	1	•••••	• • • • • • • •	•••••	••••	••••••	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •		*******	*******	• • • • • • • •
03-05	1													
C6-C8	1 6	•5			38.0						27.2	28.4	6.4	740
09-11	1 5	•ì			37.5	`					29.8	27.6	6.6	784
12-14	4 2	•5			33.6						35.5	28.4	7.0	770
15-17	1	•4			31.9						37.1	29.5	7 • 2	692
ìa-20	1 8	•9			33.7						30.0	27.3	6 • 4	403
21-23	1 18	•6			32.2						20.3	28.8	5 • 7	354
TOTALS	1 7	.2		• • • • • •	34.5		• • • • • •		• • • • • • • •		30.0	28.3	6 • 6 -	3743

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF-CO PERIOD OF RECORD: 78-8
HONTH: APR

Pours				PERCENTAGE						•••••	••••••		TOTAL
(LST)	1	0	1 2	3	4	5	6	7	8	9	10	MEAN	OBS
uq-02	1	••••••	******		•••••	•••	••••	• • • • • • • • • •	•••••	• • • • • • •	• • • • • •	•••••	• • • • • • • •
Ç3-05	I	2.3		44.2						32.6	20.9	6.3	43
C6-08	I	8.6		44.1						27.8	19.5	5.8	730
39-11	ı	4.4		56.6						28.3	16.6	5.7	769
12-14	l	2.2		46.2						39.0	18.5	6.6	766
15-17	1	1.2		33.3						47.1	18.5	7.1	682
19-20	1	9.5		42.1						25.4	22.9	5 • 8	401
21-23	1 2	26.2		39.6						16.5	17.8	4.4	321
TOTALS	1	1.8		42.6						31.0	19.2	6.0-	3712

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OF SERVATIONS GLOBAL CLIHATOLOGY BRANCH USAFETAC AIR WEATHER-SERVICE/MAC STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO PEPIOD OF RECORD: 78-87 MONTH: MAY PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER TOURS ! HEAN 085 09-02 J 212 03-05 | 4.2 42.5 30.7 22.6 6.3 06-08 | 41.8 29.7 23.1 6.2 735 734 09-11' | 44.4 39.5 1.6 7.2 728 .7 33.0 45.6 20.7 12-14 7.5 639 15-17 1 •6 28.2 45.4 25.8 18-20 F 1.0 32.2 21.5 7.2 395 20.2 5 • 8 223 21-23 E 9.9 42.6 27.4 3666 37.8 22.5 TOTALS I PERIOD OF RECORD: MONTH: JUN STATION NUMBER: 72468G STATION NAME: FT CARSON/BUTTS AAF CO PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER HOURS (LST) 3 5 -MEAN OBS 20-02 4 03-05 | 47.0 14.4 5.5 215 9.3 29.3 5.3 773 06-08 | 11.6 45.7 30.8 11.9 C9-11 | 52.9 30.9 10.1 5.4 773 12-14 [ .1.0 49.2 39.5 10.2 762 647 15-17 12.2 6.6 41.4 46.4 18-20 | 12.3 6.4 460

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PÉRCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS GLOBÁL CLIMATÓLOGYSBRANCH USAFETAC ATR WEATHER SERVICE/MAC STATION NUMBER: 724686 STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 78-87 HONTH: JUL PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER TOTAL HOURS 7 5 10 (LST) 2 3 4 8 MEAN OBS . . . . . 00-02 1 5.4 212 Ź.8 57.5 33.5 6.1 03-05 | 737 6.0 4.7 06-C8 | 8.4 59.6 26.1 737 09-11:1 1.2 73.5 21.7 3.5 4.5 12-14 [ . 3 35.8 5.2 5.5 735 637 7.7 6.8 15-17 38.3 54.0 393 42.7 42.0 15.3 6.6 19-20 1 213 21-23 | 3.3 52.1 31.9 12.7 5.7 3664 TOTALS | 2.3 35.0 PERIOD OF RECORD: STATION NUMBER: 724680 STATION NAME: FT- CARSON/BUTTS AAF CO MONTH: AUG PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER TOTAL FOURS ! OBS э 2 3 5 6 7 8 10 HEAN 1. 4 (LST) 00-02 | C3-C5- 1 3.1 62.4 24.3 10.2 5.1 226 66-58 T 7.3 57.2 25.4 10.9 5.0 806 808 59-11 | 25.6 8.5 5.0 3.3 62.5 12-14 | .4 51.6 40.7 7.1 5.9 788 15-17 | • 1 39.0 50.1 10.7 690 440 ì.1 37.7 44.5 16.6 6 • 8 18-20 I 253 21-23 | 8.7 46.6 30.0 14.6 5.6

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## -PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY CBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FI

T CARSON/BUTTS AAF CO	PEPIOD OF RECORD: MONTH: SEP	77-86

*****	• • • • • • •	• • • • • • • •	• • • • • • • • •	PER CENTAGE	FREQUENCY	OF	TENTHS OF	TOTAL SKY	COVER	• • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •
HOURS (LST)		1	2	3	4	5	6	7	8	9	Í0	MEAN	TOTAL
ca-92	i	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	••••	•••••	•••	•••••	•••••	• • • • • • •	•••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
93-0\$	1 13.	8		56.2						17.2	12.8	4.5	203
86-88	.} 10•	9		54.2						21.7	13.2	4.9	727
69÷11	.1 8.	1		57.6						21.3	13.0	4.9	728
12-14	1 3.	1.		59.2						26.1	11.5	5.3	719
15-17	7 1.	4		54.9						32.5	11.2	5 • 7	625
18-20	[ 10.	4		53.5						21.5	14.6	5+0	376
21-23	1 20.	8		47.9						16.7	14.6	4.4	192
TOTALS	1 9.	8		54.8						22.4	13.0	5.0	3570

: R3BHUR HOLLATS	72468C	STATION NAM	1E: FT				HONTH		77-86		
FOURS (LST)		n 1	2	PERCLNTAGE	FREQUENC		TOTAL SKY	9	10	MEAN	TOTAL OBS
07-02	l	••••						 •••••			• • • • • • • • •
02-05	1 36	•5		33.1				14.4	16.0	3.9	181
86-08	1 14	•2		43.6				25.5	16.7	5.3	738
Ç9-11	1 14	•1		43.6				27.6	14.7	5.3	739
12-14	1 11	•8		45.6				30.2	12.4	5.3	731
15-17	I 10	•6		43.7				32.2	13.5	5 • 6	630
18-20	1 27	•1		40.2				19.4	13.3	4.3	376
11-23	1 37	.4		32.0				15.8	14.8	3.9	203
TOTALS	1 21	.7		4u+ 3				23.6	14.5	4 • 8	3598

GLOGAL CLIMATOLOGY BRANCH USAFETAC PERCENTÂGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS AIR MEATHER SERVICE/HAC PERIOD OF RECORD: STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO HONTH: NOV PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER FOURS | TOTAL 5 8 4 6 10 MEAN 085 30-62 | C3-G5 | 100.0 4C.3 27.8 17.5 5.5 611 06-08 | 14.4 G9-11 | 10.7 40.0 30.9 18.4-5.8 643 12-14 | 30.5 17.4 15-17 1 32.0 17.0 5.8 575 9.6 41.4 18-20 | 31.3 28.4 23.6 16.6 4.6 313 21-23 | 18.4 4.3 283 TOTALS 1 3063 16.1 15.0 PERIOD OF RECORD: MONTH: DEC STATION NUMBER: 724680 STATION NAME: FT C" SON/BUTTS AAF CO 77-86 PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER MEAN (LST) | 085 00-02 | 63-05 | 2.1 10 50.0 46.0 10.0 5.4 06-08 1 11.0 46.3 23.0 19.7 630 09-11 | 42.1 33+0 18.9 6.1 681 12-14 | 670 5.1 41.9 34.8 18.2 6.2 15-17 I 4.8 42.4 38.5 14.4 6.2 585 18-20 20.7 40.6 23.3 15.4 4.9 266

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

GLOBAL CLIHATOLOGY-BRANCH USAFETAC

AIR WEATHER SERVICE/HAC

STATION NUMBER: 72493.C STATION NAME: FT CIRSON/RUTIS AAF CO

PERIOD OF RECORD: HONTE: ALL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER TOTAL FOURS 1 OBŠ 10 MEAN 9 5 6 2 3 4 0 CLSTO 1 3527 18.3 5.5 ALL 10.4 MAL 3263 27.9 22.5 6.0 41.4 8.2 FLU 3743 30.0 28.3 6.6 34.5 7.2 HAR 3712 31.Ő 19.2 6.0 42.0 7.8 AFP 22.5 6.7 3666 36.4 37.8 3.3 YAB 5.8 3803 11.7 36.0 46.6 5.6 JUR 3664 8.1 5.6 35.0 54.6 JUL 2.3 4011 5.7 11.1 34.4 51.0 AUG 3.4 3570 13.0 5.0 22.4 54.8 222 9.8 3598 4.8 23.6 14.5 40.3 001 3063 23.5 15.0 5.0 45.3 16.1 NOV 3070 14.9 5.1 26.0 41.4 17.7 OEC 5.7 42690 16.6 29.3 44.7 9.5 TOTALS I

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# TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES CUMULATIVE PERCENTACE FREQUUENCY OF OCCURRENCE OF DAILY HAXIHUM (MINIMUM AND HEAR) TEMPERATURES PERCENTAGE TABILITIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE HEAN, STAND DEV-IATIONS AND TOTAL OBSERVATION COUNT. THE MINIMUM TABLE ALSO INCLUDES A 33 DEGREE FAHRENHEIT VALUE. SINCÉ MANY STATIONS/SITES DO NOT HAVE MAXÍMUM/MINIMUM THESE TEMPERATURES WERE SELECTED BY SCAN-NING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES. STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS. FORE OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTING EXTREME MAXIMUM AND MINIMUM VALUES DATA DERIVED FROM EXTRACTING THE HIGH AND LOW TEMPERATURES FROM THE HOURLY OBSERVATIONS. PRESENTED ARE THE HIGHEST (LÖNEST) TEMPÉRATURE FOR THE MONTH FOR EACH YEAR. ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE. AN ASTERIST INDICATES AN INCOMPLETE MONTH. MEANS AND STANDARD CEVIATIONS FOR DRY BULB (MET BULB AND DEW POINT) TEMPERATURES DATA DERIVED FROM HOURLY OBSERVATIONS. DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED). PRESENTED ARE MEANS. STANDARD DEVIATION AND OBSERVATION. COUNTS. CUMULATIVE PERCENTACE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY DATA DERIVED FROM HOURLY OBSERVATIONS. SUMPARIZED BY THE STANDARD 3-HOUR TIPE GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED). PEPCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUBIDITY. ALSO PRÈSENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

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GLOBAL CLIMATOLOGY-BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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DRY-BULB TEMPERATURES DEG F FPOM HOURLY-OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 724683 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-87

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POURSI STATS	JAH	FEB.	MAR	ÁPR	MAY	HUL	JઇL	AUG	SEP	OCT	NOV	CEC	ANA
1 NUAN 1 03-05  SD   1707 085	27.0 1	31.4 -17.15\$ 5		44.8 6.582 43	46.0 7.243 212	55.8 6.471 215	61.3 4.264 212	59.8 4.414 226	53.3 7.551 203	43.J 7.433 181	29.0 1	36.6 13.898 10	53.0 9.536 1309
MLAN     C6-08  SD     101-085	25.7 10.745 696	643	34.9 8.357 741	42.6 10.368 732	51.3 8.999 737	62.1 8.173 773	67.7 6.192 738	63.9 5.935 806	56.2 8.767 727	44.4 8.139 738	33.8 9.998 611	28.5 11.418 631	45.7 17.071 8575
HEAN     69-11  SD     101-085	32.6 12.441 741	3579 184269 678	43.5 10.857 785	52 ÷7 12 • 2 35 7 70	60.3 10.900 735	72.2 9.698 773	79.2 6.886 737	74.8 7.242 808	67.5 10.749 729	55.4 10.632 739	43.7 12.471 644	35.6 13.583 683	55.0 19.181 8822
KEAN     12-14  SD     TÔT OBS	38.6 13.451	42.3 14.485 676	49.1 11.387 771	58 •1 12 • 4 75 766	64.5 11.589 729	77.0 10.471 .762	84.5 7.152 735	80.2 7.634 788	73.6 10.875 719	61.5 11.048 731	49.5 13.460 638	41.2 14.495 669	60.5 19.351 8713
1701-0851	13 180 658	606	49.5 11.479 693	\$8.0 12.540 683	639	76.3 10.821 647	82.6 8.719 637	78.2 8.507 690	73.1 10.569 625	60.7 10.856 630	47.0 13.083 575	39.2 13.925 585	-59.4 19.279 7668
HEAR    -18-20  SO     1101 OBS	29.8 11.264 380	33.3 11.244 350	41.3 8.460 403	49.5 10.530 401	56.5 9.577 395	68.1 8.576 400	73.7 6.695 393	69.5 6.104 440	62.2 8.349 376	50.4 7.961 376	38.6 16.623 313	33.8 10.766 266	51.6 17.395 4493
HEAR   21-23  SP    TOT OBS		31.5 10.297 315	36.9 7.954 354	45 :7 9 : 7 52 3 21	54.0 8.466 224	64.3 7.465 233	70.0 6.012 213	66.8 4.996 253	60.1 7.97G 192	48.1 7.678 293	36.2 10.289 283	32.7 10.206 228	46.2 16.657 3145
I MEAN J	32.6 13.179	36.1 14.104 3273	43.4 11.552 3747	51.8 13.628 3716	58.4 11.944 3671	70.0 11.496 3803	76.4 15.684 3665	72.3 9.667 4011	65.7 12.216 3571	53.9 11.938 3598	42.3 -13.359 3065	35.7 13.756 3072	54.0 19.113 42725

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR NEATHÉR SERVICE/MAC

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#E1-EULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD BEVIATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-87

HOURS STATS   LST	MAĻ	FE6	MAR	ĂPR	MAY	JUN	JUL	AUG	SEP	ост	NOV	GEC	ANK
MAH     DZ   CC=EC   DZ   CC=EC	22.G	24.6 -12.716 5		38.3 5.072 43	40.5 5.558 212	48.4 4.651 215	53.4 3.363 212	53.0 3.463 225	45.9 5.774- 203	36.6 5.752 181	26.0	28.6 9.606 10	46 .1 8 . 1 43 1 3 C 9
MEAR	21.1	23.8	29.4	35 •4-	43.9	52.3	57.2	55.7	47.6	37.2	28.5	23.4	38.6
OZ  80-80	8.609	8.633	5.793	7 • 3 58	6.182	4.940	3.480	3.749	6.383	5.928	7.360	8.893	14.226
ZBO TOT	698	643	741	7 32	737	773	738	8G6	726	737	611	630	8572
MEAN	26.3	28.9	34.5	46.7	48.1	56.5	61.3	60.6	53.0	43.4	34.6	28.3	43.4
89-11  SO	9.042	9.394	6.397	7.417	6.245	5.001	3.001	3.313	6.408	6.160	7.861	9.569	14.050
	741	678	785	770	735	773	737	808	729	739	644	683	8622
REAN	30•2	32•7	37.6	43.0	49.5	57.6	62.2	61.8	54.9	46.1	37.6	31.8	45 •8
12-14  SO	9•834	9•438	6.180	7.1.12	6.101	4.722	3.051	3.21.9	5.943	5.803	7.991	9.686	13 • 1 25
1701 OES	729	-676	771	766	729	762	734	785	719	731	638	669	8 7 12
MEAN	29.5	32.7	37.6	42.8	49.4	57.2	61.1	61.0	54.2	45.5	36.1	30.6	45 •0
15-17  SD	8.958	-9.259	5.984	7.003	6.025	4.408	2.849	3.058	5.741	5.621	7.879	9.598	13 • 0 18
101 ORS	658	-606	693	683	639	647	637	690	625	630	575	583	76 66
PEAN	24.5	27.0	33.3	36.7	46.0	54.4	58.4	58.1	50.0	40.3	30.9	27.3	41,6
Q2   U2-81	8.513	8.240	5.042	:6.815	5.798	4.345	2.729	3.170	5.683	5.492	7.306	8.046.	13,361
1290 TOT	380	350	403	401	395	400	393	440	376	376	7.13	266	4493
MCAN-	22.8	26.0	32.0	36 .6	44.8	52.6	56.9	56.7	49.0	39.1	29.7	26.7	37.9
21-23  SD	8.448	7.768	5.080	6 .6 76	5.474	4.516	2.839	3.147	5.760	5.666	7.320	7.829	13.280
101 085	326	315	354	3 21	224	233	213	253	192	203	283	228	31.45
HEAN	26.2	28.7	34 • 3	39.9	46.9	55.1	59.6	59.0	51.6	42.1	33.5	28:3	42.7
ALL   SD	9.469	9.696	6 • 6 7 6	7.702	6.604	5.407	3.971	4.290	6.782	6.837	8.425	9:688	13.753
FOURS TOT OBS	3533	3273	37 4 7	3716	3671	3803	3664	4011	3570	3597	3065	3069	42719

GLOBAL CLIHATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 724688 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-87

URSI STATS I	JÂH	řΕβ	MAR	APR	YAK	หนัน	JUL	AUG	SEP	OCT	VOV	DEC	٨٨٨
- MEAN   -05  SÜ     TOT OBS	9.3	12.6 10.315 5	• • • • • • •	29 •9 7 • 9 86 43	34.0 7.901 212	-41.7 6.904 215	47.1 6.225 212	47.6 5.761 226	39.8 7.741 203	28.1 7.813 181	20.0	15.4 8.356 10	39.3 16.280 1369
NABH	1g.4	13.4	19.9	25.5	36.3	44.3	49.7	49.7	39.5	27.8	19.4	12.6	29.9
UZ  6C-	9.374	9.639	6.957	8.8 96	8.004	6.922	5.707	5.684	7.993	7.774	7.665	9.341	15.936
280 101	698	643	741	7 32	737	773	738	806	726	737	611	630	8572
MEAN	14.3	17.2	21.7	26.0	36.4	44.6	47.8	51.2	41.0	30.1	21.7	15•7	31.2
OZ   111-	9.216	9.166	7.202	9.562	8.735	8.048	6.522	6.131	8.448	7.825	7.481	9•090	15.252
1280   101	741	678	785	770	735	773	737	808	729	739	644	683	8822
HEAN  -	16.3	13.3	22.0	25 •2	35.5	43.3	47.6	49.9	39.7	29.8	21.7	17.2	30.9
SD	8.955	8.465	7.562	9 • 5 83	8.763	8.G24	7.673	7.347	8.710	7.263	8.143	9.138	14.419
TOT OBS	729	676	771	7 66	729	762	734	788	719	731	638	669	8712
MEAN	16.5	17.9	21.5	24 •4	35.3	42.8	46.5	49.5	38.5	29•1	21.1	16.7	30 •2
-17  SO	8.768	7.765	7.287	9 • 6 77	8.813	7.774	7.945	7.205	8.720	7•279	7.939	8.877	14 • 2 24
TOT OBS	658	626	693	6 83	639	647	637	690	625	630	575	583	76 66
MEAN	13.9	15.6	21.3	24 •5	35.3	43.4	47.4	50.0	38.9	28.0	19.5	15.6	30.4
-20  SO	8.859	8.145	7.ú54	9 • 6 62	8.898	7.062	7.109	6.876	8.509	8.192	8.081	8.608	14.979
-101 085	380	350	463	4 G1	395	400	393	440	376	376	313	266	4493
MEAN	12.9	15.5	21.2	23.9	35 • 3	42.8	47.3	49.2	38.6	27.5	18.9	15.4	27.5
-23  SD	8.796	8.086	6.767	9.354	8 • 277	7.400	6.925	6.764	8.649	8.341	.8.126	8.814	14.768
TOT OBS	326	315	354	321	224	233	213	253	192	203	283	228	3145
MEAN	14.2	16.5	21.3	25 •1	35.7	43.6	48.2	49.9	39.5	28.9	20.6	15.6	30.6
LL   SD	9.298	8.839	7.221	9 • 4 66	8.573	7.613	7.113	6.658	8.476	7.734	7.937	9.188	14.961
URSITOT 085	2533	3273	3747	37 16	3671	3803	3664	4011	3570	3597	3065	3069	42719

GLOBAL CLIMATOLOGY BRANCH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE PUMIDITY

AIR WEATHER SERVICE/HAC

STATION NUMBER: 72968C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87

MONTH: JAN

PERCENTAGE FRECUENCY OF RELATIVE HUMIDITY GREATER THAN HEAN | TOTAL | FORTEL HOURS ! A (LST) 707 1 101 202 303 40% 50% 60% 863 90% | HUMIDITY | OBS | 1 70-02 NAL 130.0 03-05 100.0 100.0 100.0 46.0 1 36-68 100:0 98.9 93.0 77.1 55.2 39.5 20.8 8.5 3.4 696 1.9 39-11 130.C 64.1 17.7 50.5 95.5 1.69 44.8 29.4 9.2 741 12-14 44.9 190 . C 39.3 74.2 53.5 37.0 23.6 12.2 4.9 1.i 729 15-17 99.8 91.0 77.1 59.0 40.7 47.3 658 18-20 190.C 90:0 55.3 38.7 1C.8 54.8 38€ 97.6 76.8 21.1 2.9 21-23 57.2 326 100.C 98 . 8 92.3 81.6 62.3 44.2 23.3 10.4 3.4 LIGIALS I 160.C 95.9 87.5 73.2 42.1 28.9 7.3 50.8 3533

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GLOBAL ĈLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE EREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 7,24680 STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: HONTH: FEB PONIFI POURS PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN I HEAN | TOTAL |RELATIVE| NUP LLST) 702 302 601 167 201 40 1 50% 90% HUHIDITY 085 FEB 93-02 03-0S 160.C 80.C ác. Ĉ 40.0 20.0 100.0 47.6 ٤ 84.4 63.6 41.2 58.4 643 06-G8 100.0 99 . 1 95.8 22.7 12.4 6.5 69-11 99.9 96.9 83.5 65.0 46.2 29.6 10.8 5.2 50.8 12-14 100.C 87.4 66.4 48.1 29.6 21.0 12.6 7.2 43.0 67£ 2.2 61.7 20.6 15-17 100.0 87.1 46.7 32.7 11.2 5.1 1.2 42.0 60€ 16-25 100.€ 98 • 6 87.4 69.1 49.4 29.7 14.3 2.3 51.2 35 C 21-23 99.7 99.4 94.0 77.5 54.3 32.7 19.9 54.4 8.9 2.2 315 TOTALS 27.8 95.5 67.3 45.1 13.8 7.3 81.3 2.8 49.6 3273

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CLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE PUHIOITY

STATION NUMBER: 724686 STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: MONTH: MAR PERCENTAGE FREQUENCY OF RELATIVE HUNIDITY GREATER THAN | HEAN | TOTAL | |RELATIVE| NUM | KONTHI HOURS (LST) 0x 30x 40x 50x 60x 70x 80x 9c |PUHIDITY | OBS MAR | 90-02 03-05 06-08 100.0 99.3 92.0 79.2 61.9 41.6 24.9 57.5 741 3.9 47.0 09-11 130.0 71.1 54.0 39 4 5 16.9 8.8 785 91.8 26.6 17.9 100.0 55.8 3.2 771 12-14 78.9 38.0 28.9 12.6 6.6 39.8 15-17 190.0 76.8 50.9 36.2 27.3 18.2 11.5 3.5 38.7 693 18-22 100.0 96 • 9 77.7 57.1 41.2 29.5 19.4 10.9 3.7 49.2 403 100.C 354 21-23 98 . 6 84.2 68.1 48.9 31.9 23.7 13.0 4.0 52.8 TOTALS I 100.0 90.2 72.0 41.3 27.6 18.0 19.0 3747

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GLOBAL CLIHATOLOGY BŘANCH USAFETAC AIR WEÁTHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE PUNIDITY

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STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: HONTH: APR

PERCENTAGE FRECUENCY OF RELATIVE HUMIDITY GREATER THAN HEAN 201 301 1 (LST) 1 402 502 602 792 .IRELATIVE! NUF 1 1802 901 HUNIDITY 163 APR 1 99-92 8 Ž. 7 32.6 53-**5**5 100.0 41.9 18.6 4.7 59.0 43 93.0 62.8 100.0 169.€ 98 . 0 73.2 56.1 37.4 21.7 11.2 3.8 54.5 732 76-08 86:9 29-11 99.5 81-.4 60.6 45:1 29.4 17%8 8.9 4.2 1.0 40.4 77C 12-14 99.3 42.7 28.9 18.4 9.8 P-6 1.3 32,9 766 66 • 8 98.7 42.3 29.1 19.2 10.8 5.4 32.4 15-17 60 . S 2.2 1.0 683 99.8 18-20 63.8 45.6 32.9 20.9 9.7 9.7 2.0 42.2 401 86 . 3 39.3 î.9 46.5 321 21-23 168 . C 92 • 8 73.8 54.2 27.1 12.5 6.5 TOTALS 99.7 83.7 66.2 51.4 36.9 23.7 13.6 7.0 2.2 44.0 3-16

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GLOBAL CLIMATOLOGY BRANCH USAFÉTAC AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUHIDITY

	u uóuori	R: 724680								PERIOD-OF KONTH: MAY		8-87
HIN	HOURS				FRE QUENC						MEAN	I JATOT
			20%	302	40,2	501	602	70%	803	901	HUMIDITY	
AY	00 <del>-</del> 62	! !	_			•					•	
į	03-05	130.0	79 ÷ 1	94.3	87.3	79.2	64,6	44.3	25.9	13.4	66.2	212
ļ	96-08	100°C	98.0	9,2 : 3	8012	68.1	51.8	35.8	15.5	6 • 4	60.3	737.
į	<b>39-11</b>	190.0	88 • 8	70.7	57.1	41-1	24.9	13.6	6.5	3.3	46 • İ	735
į	12-14	99.7	30.1	58.8	40.6	-25.0	15.5	10.7	6.3	3 • 3	39 • 4	729
	15-17	99.2	30.1	56.8	39.3	27.1	20.0	11.4	7.2	5.0	43.1	635
ļ	18-29	99.7	91.6	79.5	61.5	47.3	29.6	19.7	9 4 6	3.5	49.8	395
ļ	21-23	1 :00.0	94 • 2	85.7	75.0	51.8	37.5	22.8	12:1	-4.5	53.6	224
1	214101	l 00.8	90.3	76.9	63.0	48.5	14.8	22.6	11.9	5.2	50.8	3671

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GLOBAL CLIMÁTÓLOGY BRANCH ÚSÁFETAC AIR NEATHÉR SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

ŞTĄŤIO	364AN - M:	R:	724680	STATION	NAME: I	FT" CARSON	/BUTTS A	AF CO			PERIOD OF MONTH: JUI		8-87	
HINON	POURS.		• • • • • • • •		CENTAGE	FRE CUEKČ	Y OF REL	ATIVE HU	HIDITY G	REATER	МАНТ	HEAN    RELATIVE	TOTAL	
i		j	1G2	202	362	407	50%	607	702	80\$	90z	HŮMIDITY		j.
ן  - אטנ	£0-02	l L	••••			• • • • • • • • • • • • • • • • • • • •								
į	03-05	ļ	100.0	100.0	94.9	88.4	72.6	55.3-	33.0	14.4	2.8	61.7	215	
	cë-es	-	99.7	98 • Ś	91.2	79.2	57.7	39.3	22.0	7.4	1.8	55.4	773	
į	39-11	ľ	99 • 2	88.4	68.6	47.2	26.3	13.8	5.8	2.3	.4	41.0	773	
į	12-14	į	99.6	75.7	49.0	29.7.	16.8	10.5	4.3	1.3	• 3	34.1	762	
1	15-17		99.1	74 . 8	48.5	30.3	19.8	1267	6.2	1.5	•5	34.9	647	
	18-20	Ì	160.0	93.8	72.8	50.8	35.0	17.0	11.5	4.0	•5	44.5	406	
	21-23	į.	190.G	97 • 4.	83.7	6 3 6 5	44.2	24.5	14.2	6.0	. 4	48.8	233	
,	CLATOL	ľ	99.7	89.8	72.7	55.6	38.9	24.7	13.9	5.3	1.0	45.8	3803	

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GLÓBAL CLIMATOLOGY BRÁNCH USAFETAC AÍR WEÁTHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE FUHIDITY

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: HONTH: JUL 78-47

	HOURS		PŁR	CENTAGE	FRE QUENC	Y OF REL	ATIVE HU	HIDITY G	REATER T	HAN	MEAN     RELATIVE	TOTAL 1
(		103	202	302	40%	50°2	60%	702	802	901	HUMIDITY	
JUL	85-62	i `	•			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
-	93-05	  / 150∙C	100.0	96.2	92.0	72.6	49.1	28.3	14.2	3.8	61.5	212
'i	36 <b>-</b> 98	1 3 an • C	99 • 6	93.9	81.0	57.5	33.7	1810	6.5	1.6	54 • 9	73&-
	09-11	180.0	90.8	68.0	37.4	17.9	<b>8.7</b>	2.8	•8	• 3	38.4	737
į	12-14	99.8	73.2	41.0	20.4	9 • 3	4.4	1.8	• 5	• 4	30.6	734
	15-17	98.4	68.8	42.5	25.0	17.1	10.2	4.1	1.4	•6	32.3	637
į	18-29	143.0	92.9	69.C	46.8	30.8	20.4	11.5	5.1	• 8	43.3	393
Ì	21-23	120.0	98 • 1	80.3	55.4	39.9	26.3	15.5	5.6	• 9	47.8	213
ì	TOTALS	99.6	89.1	70.1	51.1	35.0	21.8	11.7	4.9	1.2	44,+1	3664

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GLOBAL CLIMATOLOGY BRANCH USAFÉTAC ATR WEATHER SERVÍCE/MAC CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

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PEPIOD OF RECORD: MONTH: AUG STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO | MEAN | TOTAL | |RELATIVE! NUT | HONTH HOURS PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN L (LST) 40% 603 702 102 204 30% 50% 80% 98% HUHIOITY 083 AUG 1-00-02 03-65 19.6 100.0 100.0 -61.9 39.4 5.8 99.6 94.7 81.9 66.0 226 130.E 97.3 96.7 74.3 50.5 32.4 12.7 4.5 62.0 89-66 99.6 80€ 39-11 169%€ 96.7 82.8 60.1 36.5 20.9 7.9 3.8 2.1 46.6 308 12-14 99.6 86.2 36.0 20.7 10.2 Š.1 62.2 2.5 . 9 38.1 78€ 15-17 9818 88.3 26.7 15.7 3.9 1.9 40.8 62.8 42.0 8.4 69L 18-20 99.8 98.0 88.2 70.0 55.2 34.5 17.3 11.1 3.6 53.5 44 C 21-23 100.€ 98 . 8-92.9 76.7 60.5 37.9 22.5 11.5 3.Ź 56.1 253 50.8 33.1 19.0 3.1 51.9 4011

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GLOBAD CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE FUHIDITY

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: MONTH: SEP 77-86

| MEAN | TOTAL |RELATIVE| NUM PERCENTAGE FREQUENCY OF RELATIVE HUNIDITY GREATER THAN 1 (LST) | 30% 46% 50% 60% 70% | HUMIDITY OBS 801 SEP Î 00-02 03-09 100.C 99.5 85.2 70.9 51.7 30.0 i1.8 4.4 60.5 203 96.6 10C. Ĝ 99.3 79.2 5845 20.9 10.2 56.3 726 96-08 94.4 40.6 4.0 LPTIT 99.5 29.7 729 91.5 68:2 24.4 9.1 3.6 1.4 41.7 16.6 715 12-14 99.3 74.3 43.Q 25.0 15.9 7.8 4.9 2.2 1.3 33.1 15-17 73. i 24.0 13.4 6.9 3.7 2.1 1.4 32.0 625 42.6 53.2 33.5 18.4 8.8 3.2 45.1 37€ 18-20 100.C 96.5 78.2 1.9 21-23 60.9 47.9 192 100.0 98.4 82.8 37.5 24.5 12.0 4.2 1.0 I TOTALS I 99.8 90.4 357C 72.3 53.1 36.9 23.8 12.8 5.3 2.2 45.2

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GLOBAL CEIMATOLOGY BRANCH USAFETAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

AIR WEATHER SERVICEMAC STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: MONTH: OCT 77-86

PERCENTAGE FREQUENCY OF RELATIVE FUHIDITY GREATER THAN | HEAN | TOTAL | | IRELATIVE | NUM | | HUMIDITY | OBS | HÓNTH FOURS ( 50x 60x 70x 80% 901 40× 10: ខ្លួន 301 001 : 00-02 181 12.7 58.3 4.4 86.1 65.2 43.1 23.8 03-05 100.6 100.0 96.1 737 54.8 10.3 2.6 55.5 35.7 26.5 74.8 100.C 99.6 93.4 C6-08 42.2 734 9.3 5.3 • 7 18.3 30.4 67:1 45.9 99.5 90 . 8 09-11 731 2.5 . 1 34.1 5.3 17.9 9.3 46.8 27.8 -99.6 75 • € 12-14 636 .6 34.2 2.1 6.7 45.6 27.3 17.1 11.4 99.4 76.3 15-17 45.0 37€ . 3 52.7 32.4 19.1 17.9 3.2 79.3 18-28 100:0 96.0 47.5 203 9.9 4.4 62.1 39.4 22.2 ò4.2 21.-23 100.C 97.5 45.2 3597 5.8 1.2 22.7 12.3 36.Ť 53.0 99.8 90.9 73.2

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GLOBAL CLIHAŤOLOGY BRÁNÇH USÁFETAC AIR MEATHER SERVICEŽNAC

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CUMULATIVE PERCENTAGE FPEOUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUHIDITY

STATION-NUMBER: 729680 STAT	,	•	PERIOD OF RECORD: 77-86	
HONTH POURS I	PERCENTAGE FREQUENCY OF	RELATIVE HUMIDITY GREATE		1 4

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HTROR	POURS	 	PEI	RCENTAGE	FRECUENC	Y OF REI	ATIVE HU	MIUITY G	REATERST	HAŇ	MEAN     RELATIVE	TOTAL	1
ï		1 197	,231	30%	40.5	56%	601	76 <u>,</u> 2	853.	90%	THURIDITY	085	i
nov I	no-52	45 				,	,		3	_	_	•••••	•••••
i	93-05	100+0	100.0	100.0	106.0	100.0	168.0	,			69.0	1	
ļ	96-08-	100.0	99 • 8	93.5	81:7	64.3	45.5	24.5	12.3	4.3	Š8∙3	611	
į	09-11	99.4.7	99.9	73.4	*5*2• 6.	36.0	24.5	13.8	6.4	2.5	46.0	644	
į	12-14	99.4	80 • 1	54.5	38.2	25.2	15.2	97	4.7	1.9	38.5	<b>638</b>	
į	15-17	99.8	84.0	62.6	4 3 <del>.</del> 0	28.7	15.0	9.9	6.1	2.3	49.6	575	
į	18-23	99.4	96 3 5	83.7	7È.9	51.8	28,4	13.1	6.4	2.2	50•7	313	
	21-23	100.6	96 • 8	88.7	72.8	53.7	33.6	15.9	7.4	1.8	52 • 8	283	
4.	ZJĄTOT	9,9 . 8	93.2	79.5	-65.6	51.4	37.5	12.4	6.2	2 • 1	50.8	3065	

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR ZEATHER SERVÍCE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

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The second secon

MIN MENTINER SERVICE/IIMC

STATION NUMBER: 724685 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-8
MONTH: DEC

| MEAN | TOTAL | |RELATIVE| NUM | HONTHI- HOURS 1 PERCENTAGE FREQUENCY OF RELATIVE FUMIDITY GREATER THAN (LST) )\$. 3gt 70% 80% 901 085 1 60% 102 20%. 407 50% |HUHIDITY| 930 60-02 03-05 100 €0 90.0 90.0 60.0 40.0 20.0 10.0 45.8 10 90.3 75.9 54.1 36.9 3.5 54.5 63L 06-08 100.€ 78 . 6 21.6 8.1 99.9 41.0 30.5 16.4 7.2 1.9 48.7 683 G9-11 95.0 79.1 60.6 12.0 99.9 86 . 4 65.2 46.2 33.8 23.5 5.2 1.0 42.9 669 12-14 100,€ 91.3 72.9 50.9 34.5 22.8 11.1 3.1 • 3 44.3 583 99.6 67.7 44.4 27.1 15.4 4.9 50.0 26€ 18-25 199.€ 87.6 21-23 98 . 2 89.9 69.7 50.0 27.2 15.8 5.7 51.7 228 100.0 . 4 ITOTALS 1 100.0 34.2 42.5 26.8 14.6 4.9 1.0 48.3 3069 82.1 61.6

GLOBAL CLIMATOLOGÝ BRANCH USAFETAC AIR NGATHER SERVICE/MAC CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724680 STATION NAME: FT. CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-87 MONTH: ALL

	FOURS (				FRE CUENC		•		REATER T	HAN	[ MEAN     IRÉLATIVE	I JATOT NUM	••••
i	- 1	163	20%	30%	402	`50%	60%	704	80%	901	YTIOIHUH	OBS I	
JAN	ALŲ -	100.C	95 • 9	87 <b>.</b> 5	73.2	42-1	28.9	15.6	7.3	2.1	50.8	3533	,,,,
ree [		99.9	95.5	81.3	67.3	45.1	27.8	13.8	7.3	2.8	49.6	3273	
MAR		199.0	99.4	72.0	`55.4	41.3	27.6	18.0	1,3.0	4.0	47.5	3747	
APR		99.7	83 • -7	66.2	51.4	3649	23.7	13.6	7.0	2.2	44.0	371€	
YAM		99.8	90.3	76.9	63.0	48.5	34.8	22.6	11.9	5.2	50.8	3671	
JUN		99.7	89 • 8	72.7	55.6	38.9	24.7	13.9	5.3	1.0	45.8	3803	
JUL		99.6	89 • 1	70 • 1	51.1	35.0	21.8	11.7	4.9	1.2	44.1	3664	
AUG		99.7	95.4	83.7	67.2	50.8	33.1	19.0	.9 • 2	3.1	51:-9	4011	
SEP		99.9	90 • 4	72.3	53.1	36.9	23.8	12.8	5 • 3	2.2	45.2	357L	
001		99.8	90.9	73.2	53.0	36.7	22.7	12.3	5.8	1.2	45.2	3597	
уси		99.8	93.2	79.5	65.6	51.4	37.5	12.4	6.2	2.1	50.8	3065	
ĐĘC		129.6	94.2	82.1	61.6	42.5	26.8	14.6	4.9	1 • G	48.3	3065	
	TOTALS	99.8	91.6	76.5	59.8	42.2	27.8	15.0	7.1	2.3	47.8	42719	

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PRESSURE SUMMARIES

STATION PRSSURE SUMPARIES

DATA DERIVED FROM HOURLY OBSÉRVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH; MONTHLY LAND ANNUALLY (ALL YEARS, COMBINED).
PRESENTED ARE THE HEARS, STANDARD DE VIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

BATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED, BY THE STANDARD 3-HOUR TIPE GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

GLOBAL CLIMATOLOGY BRANCH USAFETAC POURLY OBSERVATIONS AIR MEATHER SERVICE/MAC" STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO PEPIOD OF RECORD: 77-87 JUN SEP FEB HAR APR JUL 130 HAY 4116 NOV I:E C ANA HABII 82 1101 -0BS1 1 HEAN 1 24.260 .148 .114 215 •130 1309 ŠΩ . 1 31 .084 .083 .139 .152 .143 ITOT OBSI 43. 212 212 226 203 181 10 24 • 142 • 156 I KEAN 24.163 .163 24.106 .181 24.321 24.285 24.166 24.148 24.160 24.263 24.327 24.263 24.191 24.214 .174 .136 .180 .114 .083 ·G85 ITOT OBSI-247 226 262 257 245 258 269 243 247 215 228 2943 246 .24.316 1-24-170 24.133 24.307 24.272 24.252 24.183 24 • 2 05 HEAL 24 - 142 24 - 101 24.162 24.244 24.169 •084 1101 0851 261 256 2940 247 .226 245 257 246 269 243 247 215 228 .... .... 24.274 | BEAN 1 24 - 114 24 - 09 2 24.060 24.095 2,4 - 132 24.283 24.203 24.134 14 ·158 .179 SD .165 . 161 .177 .172 .151 .115 .084 .092 .140 .174 . 166 SITOT OBS 241 225 254 254 239 2888 242 252 244 262 209 223 | MEAH 24.272 24.197 24.131 24.892 24.060 24.088 24.118 24.258 24.223 24.211 24.158 24.148 24.164 LIOT OBSI 204 186 213 212 210 212 206 225 201 205 180 163 2417 .... 24 - 131 24.151 HEAR 24,159 24.104 24.127 24 - 259 24.249 24.200 24.170 24 - 1 59 .130 . 161 SD • 164 . 156 .173 .167 .146 -118 -n91 .697 . 153 2196 ITOT OBSI 193 195 195 195 198 186 169 218 183 182 153 129 I MEAN I SD 1101 0851 HEAR ! 1 24 - 148 24 - 120 24.292 24.301 24.256 24.172 24.086 24.122 24.232

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STATION PRESSURE IN INCHES HE FROM

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HEARS AND STANDARD DEVIATIONS

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GLOBAL CLIMATOLOGY BRANCH USAFSTAC SEA-LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS HEANS AND STANDARD DEVIATIONS AIR WEATHER SERVICE/HAC STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 77-87 FOURS STATS | JAN FEB HAR APR MAY JUH JUL AUG SEP OCT NOV ANN DEC LST I I MEAN 32 ١Ď Iroi onsi, | MEAN | 1021.3 1014 - 3 1011.6 1013.1 1014.6 1014.9 1014.3 1915.8 1015.7 1013.6 1014 .0 กร 6.507 5.223 215 3.972 4.017 6.695 7.177 5.851 SB 6.462 6.478 7.552 ITOT OBS 43 211: 212 226 203 179 13C5 5 HEAN TO SP 1 1018.6 1017.2 1017.2 1017.0 1013.0 1012.7 1012.2 1013.6 1015.1 1015.9 1015.4 1018.1 1615 .4 8.633 sn 7 - 35 2 8.420 8.401 6.766 5.181 3.906 3.930 6.709 7.494 8.970 7.412 lior oes! 247 226 262 257 245 258 246 269 243 247 215 228 2943 1011.7 . . . . . . . . . i . . . . 1012.3 . . . . . I HEAN 1011.2 1012.6 1 1018.1 1016.1 1014.2 1015.1 1014.5 1016.1 1016.0 1017.3 1014.5 50 8.619 8.355 4.493 4.173 6.824 7.537 7.550 I-TOT OBSI 245 243 247 214 228 247 226 261 2 56 257 246 269 . . . . . . . . . . . . .... 1009.9 1012.7 1013.6 1013.7 KEAR 1015.3 1013.4 1010.2 1009.9 1011.2 1012.6 1013.6 1014.9 1012.5 8.J09 241 7 • 78 2 22 4 8.290 8.147 7.042 รถ 5.353 4.052 4.394 6.843 8 . 629 9.049 7.411 110T 0BS 254 2 54 242 252 244 262 239 243 209 223 2887 . . . . . . 1009.5 1 HEAN 1 1016.4 1013.6 1913.2 1009.8 1010.8 1312.4 1013.5 1012.5 1014.5 1015.6 1016.5 1012.8 6.790 7.184 7.173 9.074 7.977 8.090 8.059 7.529 7.865 1101 0851 204 186 212 212 210 212 206 225 201 206 180 163 2417 1012.7 . . . . 1018.3 MEAN 1016.2 1911.46 1610.8 1011.7 1013.4 1014.8 1014.3 1016.5 1017.7 1017.4 1014.5 7.5r5 SĐ 7.973 7 . 68 3 8.028 7.958 6.906 5.433 4.301 4.572 6.855 7.287 8.478 9.535 1101 ORS | 195 194 198 218 183 153 2155 186 169 195 193 129 182 1 HEAR 23 SD 1101 0051 I MEAN 1012.2 5.417 1011.7 1013.8 1014.7 1014.0 1016.0 1014.0 1011.3 1010.9 1015.6 1916.8 1 1017.4 1015.3 ALL SD | HOURS | TOT OBS | 4.172 6.859 8.037 7.752 8.344 8.235 6.952 4.361 7.439 8.707 9.179 7 . 4 25 1126 1036 1184 1217 1347 1392 1347 1469 1312 1304 972 980 14686

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SUPPLHENTAL DATA SECTION -- SUMMARY OF DAY DATA

#### ATHOSPHERIC PHENOMENA SUMMARY

- 1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
- 2. DATA BASED ON SUMMARY OF DAY DATA.
- 3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

#### PRECIPITATION. SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUPHARIZED HONTPLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH HEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".O" IN THESE TABLES INDICATES LESS THAN .OS & WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE EXTREME DAILY ABOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

'ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

'AN-ASTERISK-"+" PRINTED IN THE TABLES INDICATES THAT THE EXIREME VALUE FOR THAT YEAR AND HONTH DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION:

". OO" EQUALS NONE FOR THE MONTH (MUNDREDTHS)

EXTREPE DAILY SNOWFALL:

".O" EQUALS NONE FOR THE MONTH (TENTHS)

EXTREME DAILY SNOW DEPTH:

"O" EQUALS NONE FOR THE MONTH (WHOLE INCHES)

-

TOTAL HONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND HONTH.

ALSO PRESENTED ARE THE HEARS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "+" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO DOCCURRENCES FOR THE HONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS-A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

### SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

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DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16. COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968. COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

### TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND HEAN) TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABLLATIONS PRESENTED BY S-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OR HORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

EXTREME-MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUE? \*\*\*\* THE SAME LIMITATIONS MENTIONED ABOV.\*\*

AN ASTERIST INDICATES AN INCOMPLETE MONTH:

GLOBAL CUIMATÓLOGY BRANCH USAFETAC ATR MEÀTHER SERVICE/HAC

PÉRCENTAGE OF DAYS WITH VARIOUS ATHOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 69-87 MONTH: ALL

номтн	1 TSTH	RAIN. S E/OR DRIZZLE	FRZING RAIN G/OR DRIZZLE	E/OR SLEET	HAIL	T ÒBS WITH PRECIP	FOG	SPOKE E/OR PAZE	Brohing	DUST \$ 08S EYOR W/CBST SAND TO VISION	TOTAL OBS	
JAN	1	2.5	.2	23.6	•••••	24 • 6	14.9	1.9	2.3	16.8	483	• • • • • •
FEB		2 4.9	2.3	22 6		24 • 3	16.7	1.5	1.9	17.3	474	
MAR	2.	6 11.1	1.3	28.4	•2	32 • 5	18.2	1.5	2.4	20.0	539	
APR	1 9.	6 23.5	•6	14.8	1.3	34.0	11.5	•8	1.5	12.3	520	
YAR	1 23.	1 39.9	•2	4.6	3.5	41.0	10.2			10.2	519	
หกับ	34.	2 40.1		. 4	3.8	.40.1	5.5	•6		5.7	524	
JUL	44.	3 47.6			2.5	47.6	5.2	•6		5.4	521	
AUG	1 39.	7 46.4			* 2.5	46.4	6 • 2	•6		6.4	519	
SEP	1 12.	9 28.4	•2	2 • 3	• 8	29 • 3	10.0			10.0	482	
OCT	1	8 15.0	•6	7.3	• 2	19.2	12.8	•2	.4	13.2	494	
NO V	1 .	2 6.2	2 •2	17.5		20 . 3	13.1		2.4	13.9	452	
DEC	1 .	2 3.5	1.3	20.2		21.5	13.7	.9	3.0	15.2	460	
TOTALS	l 14.	0 22.4	•7	11.8	1.2	31.7	11.5	•7	1.2	12.2	5987	

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GLOBAL CLÍNATÓLÓGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

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### PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION FROM SUMMARY OF DAY DATA

STATION NUMBER: 724686 STATION NAME: FT CARSON/BUTTS AAF CO ... PER

PERIOD OF RECORD: 69-87

			•					- 7	MOUNT	S IN IN	CHES							
	<u> </u>			1 -02	•06	11	1.26	51   TO			5.01   To	-10.61	OVER .	Z DAYS!	TOTAL	11001	LY AHOU	NIS
жситн <i>,</i>	NONE	TRACE								5.00			20.00	MEAS I	088	MEAN	GREĂTES	T LEAST
CAN.	70.1	16.8	Ì:   1.9	-   4.6	3.3	2.3	1	j.   . a		]	İ	`!	ì	13.1	481	. 22	1.25	TDACE
ren	i `	16.5	l	1 1	i 1	.	1							i	4671			-
, 20	,,,,,	10.3	i * · ·	1 4.31	1.7	2.5	. "	• • •	i			ľ		12.0	4011	• 25	2.06	•01
FAR -	62.1	19.8	. 8	6.0	3.0	4.5	1.9	1.5	•4	1		*		18.1	530	• 5 5	2.96	TRACE
#PR	61.9	19-1	2.1	. 4.7	2.3	-4.5	2.9	1.8	•ŝ				•	19.1	514	1.12	3.57	.01
YÂY	48.2	28.8	3.3	7.0	4.5	7,2	3.1	4.3	1.4	•4	ì	,		31.1	515	1.48	10.34	.20
.บย ่	47.8	21.2	2.7	9.2	3.4	6.7	3.8	3.6	1.5	 	,	  - 		31.0	523 <u> </u>	2.15	5.53	.33
w.	41.3	18.3	5 - 4	10.0	5.4	7.5	5.2	- 3 • 5	3.5					40.4	520	3.24	6.61	1.05
AUS	42.4	22.4	3.9	3.9	3.9	7.9	5 • 2	3.3	2.3				-	35.3	519	1.93	6.64	.33
SEP	65.9.	12-1	. 1.7	7.3	3.1	4.6	3.5	1.5	•4				-	22.0	481	1.32	4.75	• 98
CC T	75.4	8.3	1.8	3.5	3.5	4.5	1.4	1.0	•6			•		16.3	492	1.69	5.89	•05
νōΛ	75.8	12.4	.9-	2.9	2.9	2.9	.9	1.3						11.8	451	.41	1.93	TRACE
CEC	74.3	13.4	2.2	4.4	1.5	3.3	.4	•4						12.3	456	.26	.97	TRACE
	• • • • • • •	:	,	, , , , , ,		·	;											****
ANN	61.4	16.91	2.4	6.11	3.21	4.9	2.5	1.0	. 9	1 .3	1			21.9 1	50401	14.72		

GÙOBAL CL'IMATOLOGY BRĂÑCH USAEETAC AIR-MEATHER SERVICE/MAC

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# EXTREME VALUES OF PRECIPITATION OFFRENCE DAILY OBSERVATIONS

STATION NUMBER: 724686 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 69-87

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Y CAR~	- JAN,	É.CB	MAR	APR.	у ан	ั้นปีเ	JUL	ΑŲĞ	SEP	OCT	иои	LEC	HONTES
70.		# × 32	*:60 06:*	* *5 4	41753	1.22	1.67	·8Î	•35	1.00	*.47	*.20	• • • • • • • • •
70. 1	.∳ ∔,05	• 37-	*1.01	.56	•19	•96	1.01	1.50	•54	• 25	•37	*TR&CE	1.50
71/ 1	* . 31	* • 95 ·	**10	*.16	•61	*.28·	1:28	.56	<b>*.30</b>	*.19	*•10	·*•10	1 • 28
72 1	* . 17	* • £9	*.73°	*.13	* • 35	* . 5 9.	*.83	•60	*1.07	.18	**88	*•05	*1.67
73· I.	. <b>*•20</b>	• 32	31	67	1.91	+ 3,2	*.78	•13	•20	*.19	.10	•10	1 • 91
74	• 07	12	.36	*.61	•10	1.12	.51	•45	•26	.88	•09	*.17	1 . 12
75	`* • Q7'	• 25	• 05	.42	•22	1.68	5.10	1.40	•32	.21	•70	*•20	2 - 10
.76	**±25.	• 24	•56	•46	1.18	•72	•72	1.52	2.00	1.50	*.18	*.01	2.00
-77 J	* • OB'	. 29	TRACE	*1.18	*.10	1.18	*.56	•83	<b>*.17</b>	* - 05	*•09	*.16	*1.18
78 Î	<b>+.</b> 39	×- 17	*•U5·	*.01	*1.37	*.17	*2.11	* • 5 1	*.04	* • 96	*•29	*.40	*2:11
79   80	<b>*•30</b>	* • 01.	*.95	*1.13	*•8B	<b>\$ . 8 2</b>	*1.21	* • 99	* • 65	*.31	*1.00	*•85	*1.21
80	*•12	* 15	*•53	*1.02	*2.94	*•33	*1.03	*·54	* • 48	* • 07	* • 13	*•03	*2.94
13×	* • 06	* • Ö6	*.16	* <b>:0</b> 8	*1.94	<b>*•95</b>	*1.74	*1.85	*·53	*•08	*TRACE	*.60	*1.94
82 -{	* <b>.</b> 25	* . 29	* • 25	*.50	*.78	*1.63	*2.14	*1.47	*,76	*.13	*•70	*.24	<b>*2 • 1</b> 4
83 1	* • 20"	* . 12	*.51	*.42	*.99	*1.43	*.75	*.53	*.07	*.20	* • 42	<b>*•18</b>	*1.43
84	*.61	*.01	* . 39	*.64	*.45	* • 94	*2.36	*1.23	*.45	*1.71	*•09	*.18	*2.56
85 I	* • 25	* . 10	*.93	*.79	*1.05	* - 22	<b>*2.07</b>	*•50	* • 4 3	*.23	*•16	*.24	<b>*2∙€7</b>
86	*TRACE	·* • @a:	*.31	*.23	*.31	*1.01	*1.89	*2.63	*.58	*.31	*•69	*.17	*2:53
87 1	*461	*'• 73	*1.30	*•17	**53	*•91	*.61						
PEÀN		165	256	528	.702	1.029	1.215	.867	.612	.670	-315	*******	• • • • • • • • • • • • • • • • • • • •
S.D. 1		• 1 19	.231	:111	.715	:427	.596	•500	•690	.542	•288		
TAL OBS	481	467	530	514	515	523	520	519	481	492	451	456	5949

NOTE \* (BASED ON LESS THAN FULL HONTHS)

GLOBAL CLIMATOLOGY GRANCH USAFETAC GAIR-AEATHER SERVICE/MAC HÖNTHLY PRECIPITATION (FROM DAILY OBSERVATIONS)

STATICH NUMBER: 724688 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 69-87

*****	. í	• • • • • • • •			TO TAL H	ONTHLY P	RECIPITA N-T-h-S		ĬŴĆĶES			*********	ALL
YEAR	l JÁÑ	FEB	MAR	AÉR	YĄM	ากท้	JUL	AUG	SEP	OCT	·NOV	ĽEĆ	HONTES
		,	وفعه وفوق	******		• • • • • • • • •	••••••	• • • • • • • •			• • • • • • • • •		
69	1	* • 02	*1:10	*1.11	*3.59	3.21	4.22	2.12-	•80	.2 • 58	*.74	*.31	, .
70	d- ∗.05	• 39	*2.96	1.11	•41-	1.94	2.97	2.45	•77	•57	•42	*TRACE	*13.74
Ž1 .	(¦	*1 • 43	<b>*•26</b>	*.54	1.51	*.35	4.39	1,14	<b>*.69</b>	* .28	*.10	*.2.4	*11:37
72	**• 30	¥.19	*.92	*.16	*1.14	*2.29	*1.89	1.86	*2.72	. 49	<b>*1.93</b>	*.12	*14 • C1
71 72 73	·	-4 C5	1:21	1.43	3.55	.61	*5.22	.33	.89	* • 26	•17	•26	*14.11
74	1 .22	• 24	49	*1.08	.23	1.89	1.42	1.10	•28	. 94	•11	*+37	*8.37
-75	*.90	• 57	+10	.92	•67-	2.62	4.63	1.97	•53	.44	•95	*.20	*13.70
7,6	¥.40	. 27	95	1.01	2.52	2.07	1.79	2.57	4.75	1.50	*.24	**·01	*18.C8
77	# . 20	• 29	TRACE	*2.74	*.20	2.73	*1.77	3.79	*.23	* • 05	*.22	*.17	*12.39
77 78	1 *.18	* ÷-30	** 15	*.01	*3.40	<b>*.33</b>	*3.19	*1.49.	* 08	*.98	*.29	<b>*.97</b>	*11.37
79	1: *•48	*.01	*1.67	*2.23	*2.73	*1.42	+2.60	*2.72	*.90	*.52	*1.41	*.87	<b></b> 417⋅56
80	1 33	* • 17	*.71	*3.57	*10.34	*.82	*1.16	*2.33	* . 70	* • 07	* • 23	<b>*.</b> 03	*20.46
.81	1 *.56	*.15	*.54	* 11	#3.24	*1.59	* 3.87	*6.09	*1.40	* - 20	*TRACE	*:60	<b>*17.85</b>
82	¥ . 49	* · 32	**.49	*1.04	*2.41	*5.53	*3.64	*5.58	*2.04	* . 29	* • 91	*.26	*23 + CO
,8 <b>3</b> ,	* · 26	* • 12	*1.60	* . 9.C	*2.50	*3.69	*1.57	*2.75	¥.10	* • 39	* • 67	*.67	*15.22
84 :	*.90	* :01	*1.39	*1.31	*.70	*2.76	*6.15	*3.82	*.84	*5.89	**09	*.36	*24.22
85	¥.46	* 20	*1.75	*1.98	*3.59	* • 62	*6.61	*.74	*1.42	*.49	*.42	*.46	*18.74
186	*TRACE	*.19	*.42	±.37	+1.09	*2.67	*2.75	*6.60	*•98	*1.17	*.70	*.41	*17.39
87	*1.25	*2 • 66	*1.37	*.17	*2.76	*2.92	*1:05		,,				
MASU	1	.232	.550	1,118	1.482	2.153	3.237	1,026	1.322	1.087	.413	•••••	• • • • • • • • • • • • • • • • • • • •
5.0.	į.	184	.525	.222	1.321	.834	1.393	1.003	1.692	•832	.383		
TOTAL OBS	481	467	530	514	515	523	520	519	481	492	451	456	5949
			• • • • • • •	• • • • • • • •		• • • • • • • •	,				• • • • • • •		

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIHATOLOĞY BRANCH ÜSAFETAC AIR HEATHER SERVICE/HAC

# PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL FROM SUMMARY OF DAY DATA

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STAI	ION NUKE	ER: 72	468C	S JAT 1	ON HA	HE: F	T. CAR					*	PERIOD	OF RECOR	D: 69-8	7		
H Î AD B	l I I Noue	1	10 i 1   10     10	1 0.5	1 1.5	1 2.5 1 TO	1 3.5 1 10	1 4.5	1 6.5	S IN IN 1 10.5, 1 TO	CHES 1 15.5 1 TO	1 25.5 1 TO	OVER	T & DAYS	TOTAL	l roni	PLY AM	••••••••••••••••••••••••••••••••••••••
****	,	1			1 2.4   	1 3.4 	, 4 •4 	6.4   	1 10.4	TO   15.4 	25.4 - 	50.4	i 5α.4 !	I MEAS	1 0BS		GREATI	EST LEAST
LAH	1 59.8	16.8	-4 49	4.2	1.8	1.8		.7	1 .2	l. I	1	1	1		!	· · · · · · · · · · · · · · · · · · ·	*****	• • • • • • • • • • • • • • • • • • • •
831	71.9	15.6	4.1	1. 4.61	1.9	1.2		•2	l .5	1				13.5	453	4.0	20.3	TRACE
PAR	, ,	18.4		1 1	' 1			120	i	i				1 12.5	417	2.8	17.7	TRACE
LP R	80.1	í 1		ľ			ĺ		į	i	 			1 12.9	5.05	5.8	31.0	TRACE
PA Y-	94.9	3.7		4	f	i	•2 l	. 4	! •2 !			,		5.7	4,88	5.7	9 . 8	TRACE
LUN	99.6	- 4			1	į	. į	,			1			1.4	488	• 2	3 • 2	•0
JUL:	1190.0	<u> </u>			į	į	i				!	!		ļ ,	493	TRACE	TRACE	•0
£UG	1100.0	-{	i		. l	Í	į			į	i	1			4881	• 0	•0	• C
SC P	97.3	2.0	İ	.21	į	.41	ĺ			į	;	!		j	487	• 0	•0	•0
CC T	23.1	1	•2	1.1	.91	•21	· į	.2	į			1	[	•7 [	451	• 0	6.0	•0
40 V	78.5	12.81	1.9	4	i	.51	•5	i		· [	•2		[	2.8	461	1.2	24.1	•0
εεć	75.2	· 1	i			.91	i	•5 <u> </u>	.5	- 1	!	1	( 1	8.7	423	2.7	18 • 3	TRACE
	į į	i	i	1	***	• 41	•5 I	•2   	•5 ! !	}	!	Ì	į	11.4	428	3.6	11 • 4	TRACE
PARA	1 85.8 1	8.41	1.5	2.11	.91	.7]	.11	.3	.2	·····i		••••••		5.8 1	55821	26.0	•••••	

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR NEATHER SERVIĆE/MAC

EXTREME VALUES OF SNOWFALL (FROM DAILY OBSERVATIONS)

STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO.

PERIOD OF RECORD: 69-87

•••••••	i	• • • • •	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • •	•••••	2	4 HOUR AM	OUNTS IN		•••••	• • • • • • •	•••••		ALL
YEAR	i	JAN	FEB	MAR	APR	MAY	วักห	JUL	AUG	SEP	oCT	иον	LEC	HONTES
·69	1	• • • • •	•••••		•••••	•••••	• • • • • • • • • •			•••••	••••	•••••		•••••
78	i			*10:1	2.0	•2	• 5	• 0	•0	TRACE	1.5	• 2	*TRACE	
71	1	<b>*5.3</b>	<b>*9.5</b>	<b>#1.5</b>	*2.5	TRACE	*•9	*.0	• 8	*3.0	*2.Ó	*1.2	*î.5	*9.5
12	t	*1.0	<b>*1.3</b>	*7.4	*TRACE	*•O	*.0	*•9	.8	*•0	1.0	*8.8-	*3.3	*8 *8
7.3	1	* .6	•2	3.1	1.1	1.0	•0	*•0	*.0	•0	*1.9	1.0	1.1	3.1
74-	1	2.0	.9 2.2	4.5	*TRACE	•0	•0	•0	•0	TRACE	TRACE	. 1	*2.6	4 • 5
75	1	*2°1.	2.2	.5	4 • 6	TRACE	TRACE	• 9	+0	• 0	2.0	6.2	*2.0	6 • 2
76	ľ	*2.5	2.3	5.7	8 • C	.0	• 0	• 0	•0	TRACÉ	TRACE	*1.1	*.6	8 •0
77	1	<b>*3.</b> G	2.9	TRACE	*1.1	*•0	• G	*.S	.0	*•0	*•0	*1.0	*1.9	*3.0
78-	l	*.9	*2.6	*•6	*TRACE	*3.2	*•0	*•0	*+0	*TRACE	*TRACE	*1.0	*5.D	<b>*5 •</b> 0
79		*3.0	* - 1	*4.1	*5•0	*.7	*•9	*•0	*•0	*•0	*1.4	*7.J	*1(.8	<b>*10.0</b>
80	ŀ	×1.5	*2.5	*3.O	<b>*6 • 1</b>	*TRACE	*•9	*•0	*•0	*•0	*TRACE	*1.0	- <b>≭ • 7</b>	<b>*6 •1</b>
1 8	1	*•3	<b>*•9</b>	*2·0	*TRACE	*TRACE	<b>*•</b> €	*•3	*.C	*•0	*TRACE	*TRACE	*7.0	<b>⇒7.0</b>
82		*3.1	*2.0	*4.0	*2.1	*1.8	*•8	*•0	+.0	*•0	*TRACE	*3.6	*2.4	*4 •D
83		*2.0	*.7	*3,2	*2 • G	*TRACE	*•C	**O	*•0	*TRACE	*•0	*2.0	*1.8	*3 <b>•</b> 2
84.		<b>*5.5</b>	*TRACE	<b>*3.9</b>	*3.D	*.2	*,~	*•0	*•0	*.7	*15.8	*•7	*4.2	*15 •8
85		*3.4	*2.2	<b>*9.0</b>	<b>*•3</b>	*•0	*• /	*.0	* • D	*TRACE	*TRACE	*2.5	*2.7	<b>*9 •</b> 0
96		RACE	*1.0	*1.1	*TRACE		* • Đ	*•0	<b>*.</b> 0	*•0	*.0	*4.0	*3.3	*4 •0
87	*	15.1	*7.0	*5.0	*TRACE	*•0	*•0	*•0						
PLAN	1	••••	1.70	2.76	3.78	.20	TRACE	.00	.00	TRACE	.90	1.88		•••••
5.0.	i		1.111	2.475	3.066	.400	• 000	• 000	.000	• 000	.894	2.911		
TOTAL OBS	l 	453	417	5ე5	48 <i>8</i>	488	493	488	487	451	461	423	428	55 82

NOTE # (BASED ON LESS THAN FULL HONTHS)

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GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

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HONTHLY SNOWFALL (FRON DAILY OBSERVATIONS)

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 69-87

1						HONTHLY. -N-O-	N-T-H-S-		- 0414.0				ALL
YEAR !	NAC	' FEB	MAR	APR	MAY.	JUN	JUL	AUG	SEP	OCT	МОЛ	UEC	HONTE
69 1		*******		*****	1			•	•••••	•••••	•••••		•••••
70			*31.C	.4 • 8	•2	<b>40</b>	• C	•0	TRACE	1.5	• 2	*TRACE	
71	*6.8	<b>*15.6</b>	*3.0	*4.1	TRACE	*• B	**0	• 0	*6.0	*2.8	*1.2	*3.4	*42 ·
72	*2.0	*2·9	¥8.9	*TRACE	*•0	*• G	*•0	•0	*•0	2.0	*18.3	*5.3	*39 .0
73 <b> </b>	.+.9	•3	1310	1.3	1.0	• 0	÷.0	*•0	•0	*1.9	1.1	3.6	*23 •
74 1	4.0	2 • 1	5.7	* TRACE	•0	•0	.0	•0	TRACE	TRACE	• 1	*5.4	*17.
75 [	<b>*2.4</b>	5.2	1.0	3.7	TRÀCE	TRACE	.• 0	•0	•0	2.3	9.2	+2.0	<b>*30.</b>
76 [	<b>±3.9</b>	3.4	9 • 1	8.0	•0	٠°٥	•9	<b>∔</b> 0	TRACE	TRACE	*2.5	* • 6	*27.9
77	*7.0	2.9	TRACE	*11	*• B	.0	+.0	• 0	*.0	* • 0	*1.1	*2.2	*14.
78	*2.0	*4.5	*.7	*TRACE	*3.2	*•9	*•0	*.0	*TRACE	*TRACE	*1.0	*11.4	<b>*22</b> •
79 1	<b>*7.5</b>	*.1	*7.1	*5.5	*•S	*.C	*•0	*.C	*• D	#1.4	*10.1	*10.0	*42 .
80	#2.5	*2.5	¥5.0	*9.8	*TRACE	*.0	*.0	*.0	*•0	*TRACE	*2.0	<b>*•7</b>	*22.
81	*.3	*2.3	*2.3	*TRACE	*TRACE	4.0	*.0	*.8	* • O	*TRACE	*TRACE	*7.0	*11.
82 1	*6.8	*3.6	#6.6	*2 · 2	*1.8	*.G	*• O	*.0	*.0	*TRACE	*4.6	*2.6	*28 *
83	*2.6	₹•7	*9.7	^2.0	*TRACE	**0	*• n	*•0	*TRACE	* • G	*4. ŭ	*6.9	<b>*26.</b>
84 1	*6·8	* IR A CE	*14.0	*5+6	*.2	*•0	*• Ö	*.G	*.7	*24.1	<b>*.</b> 7	*6.0	*60.
55 I	<b>*9.7</b>	±4.5	*17.4	*•3	*•0	*•S	**0	*.0	*TRACE	*TRACE	<b>*5.1</b>	*5.0	*42 .
66	*TRACE	*2.6	*1.5	* TRACE	*TRACE	*•8	*.0	*.8	*.0	*.0	*4.9	*4.8	*13.
97 [	<b>*20.3</b>	*17.7	*5.6	*TRACE	*•0	*•3	*•8	•					
MEAN I	• • • • • • • •	2.78	5.76	5.70	-20	TRACE	.00	.00	TRACE	1.16	2.65	•••••	• • • • • • •
S.D.		1.794	5.464	3.389	•400	.000	.000	.000	•000	1.097	4.390		
L OBS I	453	417	505	488	488	493	488	987	451	461	423	428	5 5 8

NOTE \* IBASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMÀTOLOGY BRANCH USAFETAC -AIR WEÀTPER SERVÍCE/MÀC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH FROM SUMMARY OF DAY DATA

STATICH NUMBER: 724682 STATION-NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 66-87

· · · · · · · · · · · · · · · · · · ·	• • • • • •	• • • • • •	•••••	• • • • • •	• • • •	• • • • • •	••••		HOLNT	S IN IN	iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	
	1.	1	1	1 !	!!	4	7 1	13	25	37	49		LOVER	1 2 DAYS	TOTAL	PONTHLY AHOUNTS
нсктн	I I NONE I	TRACE.	1	2	.3		10    -12   	10   .24 .	10 36	l 10   48 	TO   60 	10   120 	°   120 	WITH I HEAS I HEAS I	085 l	MEAN GREATEST LEAST
******	1	i · · · · · i	• • • • •	i i	••••					i	l	i	I.	!		-
ИAL	65.0	16.0	7.7	4.9	3.9	1.9	.4	•2		ļ			ĺ	19.0	569	
reb	73.6	12.9	5 .0 .	5.6	1.0	1.2	- •6			į	i		į	13.5	497	
FAR	78.2	8.2	6.0	2.1	1.8	2.7	1.1							13.7	564	
APR	90.6	4.2	1.7	1.3	• 2	1.8	•2			į	;   	! !	<u> </u>	5.1	544	
PA Y`	98.2	1.1	•5		•2			,		í [				•7	549	
LUN	100.0										! !		1 1 1		553	
JUL	150.0					ì.				! !	! !	į	1		551	
AUG .	130.0							į			<u> </u>	   	į		550	
-SEP	99.0	. 4	•2	.2		-+2	,				i i			•6	523	
T 33,	96.2	1.1	•7	.5	• 5	.5	•4	Ì		1		į	 	2.7	550	
VO A	82.7	7.2	4.7	1.1	2.3	1.7	.4		1	į	i	i	į	10.2	531	
C.C.C	70.1	8.5	7.9	5.1	2.2	4.6	1.6			i		   	j.	21.4	505	
ANN	87.8		2.0	1 1 71	1.0	1.2	.41	.01	••••					7.2	6486	• • • • • • • • • • • • • • • • • • • •
F1614	1 01+0	1 3.51	4.9	1 1 1 1	1.0	1 + 4	•41	• 3		1		ł		1 1 1 2 1	0480	

GLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR LEATHER SERVICE/MAC

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EXTREME VALUES OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 66-87

ı					D	AILY SNO	DEPTH 1	N INCH	ES.	• • • • • • • •	••••••	• • • • • • • • •	••••••
YEÀR Ì	IIAL	FE8	MAR	APR	YAM	าักท ∸ห-0-	-N-T-H_S_ JUL	AUG	SEP	ОСТ	NOV	LEC	ALL Honths
66 1		••••••	• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • • •	• • • • • • • •	* * * * * *	• • • • • • • •	· • • • • • • • • • • • • • • • • • • •			
67	*£	*O	*0	* C					*0	*0	*0	*0	• • • • • • • • • • • • • • • • • • • •
68 I	ũ	3	-		*0	3	រា	C	* C	0	*1	*10	<b>+</b> 10
69	*1	3	2	G	0	9	o	0	G-	C	2		+ 10
79	Ȕ	,		-	_						*2	*0	
71	*8	»7	6	5	0	0	0	9	G	1	TRACE	*TRACE	-8
	*3	*1		*1	ô	*0	¥0	Ð	5	3	*TRACE	*2	<b>*8</b>
72.   73.	*3	-1	*7	* [	*9	÷ο	*3	0	*0	TRACE	<b>*9</b>	*6	*9
74	4		2	2	1	0	0	0	0	1	1	7 6	*3
75 1	>2	1	2	8	G	σ	0	0	Ω	0	TRACE	*6	
76	<b>*3</b>	3	1	2	0	9	0	0	0	2	7,	*1	•
77	*3	4	8	5	0	0	O	9	ō	TRACE	*1	*TRACE	3
78	*1	2	TRACE	* 1	*0	0	<b>#</b> D	Ö	*0	*0	*1	*1	*3
79	*1.	*5	* 1	* £	*3	*0	*9	*0	*0	*0	*TRACE	*9	-
i Čs	#4	*1	<b>*</b> 5	<b>*</b> 5	*1	*9	* O	*8	*8	*TRACE	*7	*1C	*9
81	*1	*1	*3	*6	*TRACE	*0	<b>*</b> 0	*O	*0	*0	*3	*10	+ 10
92 1		* 1	×2	*0	*0	<b>+0</b>	<b>*</b> 0	*0	*0	*0	*0	*7	*6
83	*3	*3	*4	* 2	*TRACE	*0	*0	*6	*8	*0	*4		¥7
84 1	<b>*2</b>	<b>#2</b>	*3	*4	*Ô	*3	*0	*0	*0	*0	*2	*2	+4
85 1	¥6	•8	*6	* 3	*TRACE	*0	+3	*9	*1	*11	*1	*2	#4
	*3	*2	*10	<b>*</b> 6	*0	*0	*Ö	*0	*TRACE	*TRACE	* <u>1</u>	*4	* 11
1 69	*C	*2	*4	* C	*0	*0	*6	+0	*0	*16#66	*3	*3	<b>*</b> 10
87	*16 '	*12	*8	*TRACE	*0	*0	*0		+0	***	+ 2	*4	*4
HEAN I	• • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •									
2.0. I	2+0	2 + 1	2.9	3.2	• 1	• 3	• 0	•0	• 7	8	1.2	• • • • • • • • • •	•••••
TOTAL OBS		1.215	3.227	2.858	•378	• 000	•000	.000	1.990	1.093			
***********	569 ••••••	497	564	544	549	553	551	550	523	550	1.304 531	£05	64 86
						•••••	•••••						

NOTE \* IBASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR KEATHER SERVICE/MAC

EXTPEME VALUES OF SURFACE WINDS (FROM-DAILY OBSERVATIONS)

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PEPIOD OF RECORD: 68-87

			• • • •	• • • •	••••	• • • •	••••	• • • •	• • • •	• • • •	• • • •	• • • •	• • • •	••••	• • • •	• • • •	• • • • •	• • •	• • • •	• • • •	• • • • •		• • • • •		• • • •		• • • • • • •	*****	•
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	ÝEÁŘ	1		JAN		FE8 I		MARI		APR		I YAN	•	ן אטע	•	JULI	. А	กติโ	- :	SEPI	o	CTI	N	V	D	ECI	HONT	HS.	
	• • • • • •	•••	• • • •	• • • • •	••••	• • • • •	••••	• • • • •	• • • •	• • `• •	•••	• • • ;	• • • •	• • • • •	• • • • •	••••	• • • • •	701	****	****	• • • • •	• • •	• • • • • •	• • • •	••••	• • • •	• • • • • • •	•••••	•
	68	!		- 1		!	70.	( )		6.51		!	27.	501	ío.	. 71							36/ 3				30.		
	69	!																					27/ 2				35*	-	
	70	-!																					29/						
	`71	!																					28/ 3		_		25*		
	72	!																					1 * 4		1/		24*		
	73	ľ																					1/ 5				34+		
	74	į.																					39/ 9				32/	-	
	75	Ţ																					34/ 5				33/		
	76	1																					35/ 9				33/		
	77	١.																					30* 6				34/	63	
	78-	1																					18 * 2	189	36*	401	35*	55	
	79	4																			33*				35*				
	83	1	25*	58	35*	41	30*	49	27#	40	20 *	46	19*	461	21 *	421	4 *	381	34*	25	23*	35 I	20 * 2	241	24*	261	25*	58	
	81	1																					35 + 3				16*	51	
	82	ı	35*	431	24*	521	22*	621	24*	881	35 *	451	22*	401	36*	351	35*	511	22*	34	36*	551	24* 4	11	28*	431-	24*	88	
	33	1	31 *	421	36*	421	36*	511	35*	461.	35 *	75	36×	331	1 *	38 l	16*	291	36∗-	501	36*	401	36* 4	171	*85	491	35*	75	
	84	1	36 *	36 l	1*	54	25*	431	34*	43	34 *	401	23*	35	35 *	381	29*	261	22*	351	22*	271	28* 6	531	35*	391	28*	63	
	85	1	1 *	271	36*	28	26*	471	1*	341	34 *	471	25*	34	21 *	481	27*	381	15*	341	26*	46	-26* 4	181	36*	271	21*	48	
	36	1	31*	48	26*	601	35*	391	35*	6 C l	26 *	34	28*	46	26*	411	1 *	401	25*	431	36*	421	36 * 4	151	35*	421	26*	60	
	27	1	39+	52	35*	32	27*	481	36*	471	36 *	42	19*	381	28*	561		- 4		Ĺ		- 1		Ĺ		1			
		• • •					• • • •		• • • •	• • • •					• • • •						• • • • •		• • • • •				• • • • • • •	*****	
:	CAN	1	4 *	7.91	5	0.71	5	2.61	4	5 . 5	4	10.	4 (	6.01	41	4.91	39	.21	4 (	18.0	42	.81	45	. 8	42	.61	54	•0	
	.0.	1		402		0101		3921		7821		5321		246		5291				1491	5 • 8	111	9.57	731	4.6	79 L			
TOTAL	085	ı	1	479 [		449		528 <b> </b>		5051		1961		512 <b> </b>	,	5131	5	08		1991	5	041	45	sot	4	511	5 9	C5	

NOTES \* (BASED ON LESS THAN FULL MONTHS)
5 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

Tidioi dikabanan kacan ka

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES FROM SUMMARY OF DAY DATA

STATION-NUMBER: 724685 STATION NAME: FT CARSON/BUTTS AAF CO PERIOD OF RECORD: 66-87 FE 8 TEMP (F) AUG DEC ANNLAL GE. 951 1.7 GE GE 90 2.8 15.8 30.7 13.4 2.0 5 . 3 34.2 57.2 44.1 71.8 851 13.4 61.6 14.6 GE GE 12.4 33.7 83.3 9.6 35.8 5.3 1.2 74.8 89.3 94.8 59.4 72.1 32.3 751 18.4 1.5 GE 22.1 51.8 87.5 97.8 35.3 701 .5 1.5 6.8 40.4 GE/ 65| 60| 2.8 5.3 15.2 15.8 40 · 4 58 • 9 69.4 81.2 93.0 98.8 99.5 97.9 98.8 82.6 50.6 17.7 30.5 2.6 11.0 48.8 65.6 GE GE 551 501 451 93.5 97.3 98.6 19.5 39.0 44.6 72.3 98.1 99.7 78.3 41.7 21.1 66.3 33.6 47.1 46.8 57.1 58.2 72.0 80.3 87.6 93.8 97.9 100.8 100.0 85.7 90.5 55.1 69.2 35.5 50.4 74.3 81.4 100.0 GE GE 401 351 371 58.9 70.8 83.7 94.7 98.3 99.1 79.1 86.7 93.2 92:5 97:0 80.5 79.5 63.6 86:4 87.8 100.0 99.8 74.6 £1.8 91.5 93.0 99.1 190.0 89.5 93.2 97.1 GE GE 25| 23| 86.5 91.6 74.1 96.8 97.8 99.3 99.7 100.0 97.0 99.8 97.1 98.4 99.8 100.0 Ŀξ 151 94.9 93.3 100.0 99.2

101 51 71 -51 35 35 100.0 100.0 100.0 \$9.6 160.0 100.C 100.C 43.0 3.949 79.9 9.450 74.2 10.713 51.2 12.913 68.5 10.474 MEAN 41.7 46.2 13.194 60.0 85.6 6.960 82.6 7.147 63.1 12.180 50.8 13.336 62.2 19.072 TOTAL OBS 1 569 526 596 5 74 581 584 580 581 556 581 532 544 6804

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GLOBAL ČLÍMATOLOGY BRANCH USAFETAC AIŘ WÉATHER SERVICE/MÁC

### CUMULATIVE PERCENTAGE OF OCCURRENCE OF HINIHUM TEMPERATURES FROM SUMMARY OF DAY. DATA

STATION NUMBER	72468C		STATION	NAME :	FT-CARSO	N/BUTTS	AAF CO			PERIO	OF REC	ORD: 66-8	37	
TEHP(F)	JAN	FEB	HAR	A PR	YAM	JUN	JUL	AUG	SEP	ост	NOV	DEC	ANNLAL	
JC8 39		• • • • • • •	• • • • • • • •	• • • • • • •	••••		.3	•2	• • • • • • • •		• • • • • • •	• • • • • • • •	. 1	• • • •
GE 751						• 5	1.4	• 3					• 2	
GE 73				•2	• 5	2.1	5.0	1.7	• 7		•		. 9	
GE 651				-	1.4	8 • 2	20.9	9.8	2.3				3.6	
GE 601				•5	3.3	29.1	61.9	46.5	12.2	1.5			13.2	
GE 551		• 2	1.5	3.1	12.0	57.7	92.1	85.4	34.5	3.8	.9		24.8	
GE 501	•2	• 6	2.7	9.6	33.4	82.4	99.8	99.0	62.6	14.1	2.4	•2	34.5	
GE 451	1.9	1.9	6.7	22.1	59.4	94.5	100.0	99.8	82.0	31.8	8.1	1.5	43.2	
6E 431	5.8	3.8	13.8	43.4	81.4	98.8		100.0	93.3	57.7	20.3	5.1	52.7	
GE 351	13.2	12.9	27.5	66 •0	94.0	100.0			98.0	76.9	35.2	17.6	62.5	
GE 331	17.2	20,7	37.6	72.5	96.4				98.6	84.3	42.9	23.7	66.8	
GE 301	27.2	32.9	52.9	84.8	99.1				99.5	91.9	52.6	32.4	73.4	
GE 251	46.6	54.6	74.8	92.5	100.0				100.0	97.4	74.8	51.3	83.1	
GE 231	64.3-	74.3	87.2	97.9						99.3	88.9	70.2	90.4	
GE 151	75.2	37.8	94.3	99.3						99.8	94.9	£1.6	94.5	
GE 19	93.5	93.0	98.0	99.8		17				100.0	98.5	90.3	97.€	
GE 51	91.4	97.1	99.8	190.0		••					99.6	55.8	98.7	
` 6E - 91	95.4	98.7	190.0								99.8	98.3	99.4	
GE -51	98.9	99.0									130.0	58.9	99.7	
√GE -13i	100.0	99.4										59.4	99.9	
GE -15		196.0										160.0	100 • C.	
HCAR	22.2	24.8	29.9	37 .8	46.2	55.6	61.0	59.1	51.2	40.8	30.7	24.1	40.3	• • • •
50 1	11.674	9.722	9.373	8.902	7.421	6.865	4.898	4.574	7.421	8.342	9.791	10.721	16.008	
TOTAL OBS	\$69	526	596	5 74	581	584	580	581	556	581	5 3 2	544	6804	

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(9 (9 GUOBAU CLÍMATOLOGY BRANCH: CUMULÂTIVE PERCENTAGE OF OCCURRENCE OF MEAN TÉMPERATURES USAFETAC FROM: SUMMARY OF DAY DATA AIR: YEATHER SERVICE/MAC

STATION				STATION			V/8U1TS	AAF CO	• • • • • • • •		PERIO	D'ÖF REC	ORD: 65-	87 •••••••
•	P(E)	JÁN	FEB	MAR	- A PR	MAY	JUN	JUL	AUG	SÉP	0Č1	иой	DEC	ANŅLAL
65 65 65 65 65 65 65 65 65 65 65 65 65 6	701 601 605 501 401 301 301 201 151 151	2 1.2 1.6.2 30.8 46.7 64.5 74.9 89.5 93.8 97.7 93.8	2.5 7.0 20.5 40.9 60.1 73.4 85.0 93.2 96.4 98.3 99.2	2.9 9.8 37.4 57.2 76.2 93.3 97.5 100.0	.7 4.2 13.8 31.2 52.1 70.9 83.3 91.8 96.9 98.6 100.0	1.0 5.0 20.5 46.6 65.9 83.3 92.1 97.9 99.5	33 4.5 18.5 77.1 66.5 94.9 98.3 99.7 100.0	1.2 9.8 44.3 80.3 95.0 99.0 99.5 100.0	2 3.4 25.0 65.4 91.4 98.1 99.8 100.0	5.0 22.7 48.2 72.5 93.8 92.3 96.8 99.1 99.5	7.7 23.9 44.9 90.0 88.6 95.0 99.0 99.1	.6 3.2 12.2 25.4 40.6 56.0 71.1 85.5 91.9 97.4 99.6 99.8	1.3 5 19.3 34.6 51.3 78.5 68.0 93.0 96.7 98.3 99.6 100.0	.1 1.5 6.C 18.7 28.8 37.9 46.2 55.4 65.1 74.6 83.7 93.6 98.2 99.1 99.6 99.9
MFAN SD Total		32.2 12.421 569	35.7 10.714 526	40.8 10.265 596	49 •1 9 • 6 37 5 74	57.6 8.204 581	66.0 7.469 584	73.5 5.168 580	71.1 5.048 581	63.0 8.340 556	52.2 9.552 581	41.0 10.958 532	33.8 11.829 544	51.5 17.134 6804

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

## EXTRÊME VALUES OF MAXIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PEPIOD OF RECORD: 66-87

t	WHOLE DEGREES FAHRENHEIT .												ALL
YEAR !	JAN	FEB	MAR	AP R	MAY	JUH	ÚUL	AUG	SEP	OCT	NOV	DEC	MONTES
66 1	*****	•••••	• • • • • • • •	• • • • • • • •	•••••	• • • • • • • •	• • • • • • • •	•••••	*85	*77 <sup>,</sup>	*69	*62	• • • • • • • • •
67 1	<b>+63</b>	<b>÷64</b>	<b>*75</b>	<b>*74</b>	8.8	85	92	91	84	83	*71	62	92
68	64	60	72	78	80	94	94	9B	85	80	69	<b>*63</b>	94
69 Î	<b>*66</b>	61	71	78	88	90	95	98	85	79	*68	*64	98
70 I	*64	67	65	74	86	94	96	94	88	79	73	*68	96
71	×78	62	79	*76	80	97	98	89	90	78	<b>*74</b>	×64	98
72 1	*6Ĵ⁻	<b>*</b> 70	*74	*72	*82	*85	*95	92	<b>*90</b>	8 <sub>C</sub>	*59	<b>*58</b>	<b>* 95</b>
73	<b>₹6</b> 9	62	67	74	81	93	99	93	87	80	74	71	59
74	72	65	·74	81	99	96	<b>*96</b>	92	89	82	74	<b>*64</b>	96
75 1	*63	66	70	8 C	82	94	93	95	91	85	75	*68	95
76	• \$63	70	72	74	83	94	95	90	90	98	<b>*72</b>	<b>*63</b>	95
27 1	<b>≯</b> 59̂	66	68	<b>*</b> 78	*83	94	<b>*9</b> 8	97	· *93	<b>*82</b>	<b>*74</b>	<b>*66</b>	<b>* 98</b>
78 1	<b>\$</b> 56	<b>*61</b>	<b>*77</b>	<b>*80</b>	<b>*90</b>	<b>*96</b>	*99	*94	*89	*81	<b>*78</b>	<b>*54</b>	<b>*</b> 99
78 1 79 1	249	*72	<b>*65</b>	<b>*</b> 78	<b>+8</b> ∩	*92	*95´	<b>*</b> 98	<b>*</b> 93	*81	*68	×64	<b>*</b> 98
80 I	<b>*63</b>	*58	*66	<b>*</b> 79	*81	*98	<b></b> \$98	<b>*98</b>	<b>*91</b>	<b>*82</b>	*77	* 73	<b>*</b> 98
81	<b>*66</b>	*73	*70	*82	*83	*97	<b>*99</b>	+93	<b>*86</b>	<b>*79</b>	<b>*75</b>	<b>*66</b>	<b>*</b> 59
82 I	<b>#65</b>	*66	*63	<b>*7</b> 2	*78	<b>*90</b>	<b>*</b> 96	*88	*88	*82	<b>*</b> 66	£72	<b>*</b> 96
83 !	*66	*6G	*68	*73	<b>*78</b>	*90	*93	<b>+90</b>	*92	*76	<b>*</b> 76	<b>*58</b>	<b>* 93</b>
84 [	*6ŋ	*62	*68	<b>*</b> 75	*92	+92	<b>*93</b>	*86	<b>+87</b>	<b>*72</b>	*72	*66	* 93
85 <b> </b>	<b>♦6</b> 0	*64	*71	<b>*</b> 78	*86	<b>*96</b>	<b>*98</b>	<b>*95</b>	*85	*80	*7C	<b>*57</b>	<b>*</b> 98
86 1	¥67	<b>*73</b>	<b>*</b> 79	<b>₽</b> 79	<b>#84</b>	<b>*91</b>	*95.	*94	*81	<b>*75</b>	<b>*69</b>	×59	<b>*</b> 95
67	<b>*64</b>	*65	<b>*71</b>	*83	<b>*</b> 79	*91	<b>*98</b>						
MEAN	63.0	64.3	70.9	77.0	84.2	93.1	95.3	92.8	87.7	80.6	73.0	66.5	• • • • • • • • •
s.D. I		3.279	4.137	3.000	3.833	3.381	2.375	2.926	2.550	2.119	2.345		

NOTES \* (BASED ON LESS THAN FULL MONTHS)
# (AT LEAST ONE DAY LESS THAN 24 OBS)

"GLOBAL CLIMÂTOĹOĞY BRANCH "USAFETAC AIR WEATHER-SERVICE/MAC

CXTREME VALUES OF MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 66-87

WHOLE DEGREES FAHRENPEIT'S												ΛLί	
YEAR I	JAN	FEB	HAR	APR	МАЧ	ากัห	JUL	AUG	SEP	001	моу	GEC	HONTES
66 J	· · · · · · · ·	••••	•••••	• • • • • • • •	•••••	• • • • • • • •		•••••	*38	*27	*15	<b>#</b> ]	••••••
67	<b>*</b> 3	*10	*6	#27	26	485	\$6	ņ 4	42	25	*18	~2	~2
68 -1	7	11	8	2-1	3 <i>2</i>	46	46	46	41	29	-14	*i	* j
69 l	+5	-15	7	3 <i>2</i>	38	40	57	52	42	14	*11	*4	#4
73 1	<b>+</b> ≟3	15	14	<b>1</b> 5	29	49	56	56	3 Î	21	1.3	*9	<b>≠</b> =3
71 [	*-10	6	10	*22	31	-45	50	51	28	16	*15	<b>*</b> 6	<b>* - 1</b> 0
71   72	*-8	*i	*12	*22 *25	<b>*31</b>	*51	*50	48	*43	20	*10	*-13	*-13
73 1	<b>+-4</b>	12	20	13	31	39	50	51	38	30	19	ì	* -1
74 1	-9	7	12	2.2	36	37	*54	5 Č	35	34	6	*3 *8	
75 l	<b>⇒-7</b>	1	5	9	33	36	56	52	4,0	19	5	*8	* - 7
76	+1	1.	5	28	35	42	53	50	36	28	*-3	* 1 U	* ~.
77 1	<b>*-2</b>	15	12	*25	*39	5.0	<b>*54</b>	52	*41	<b>*22</b>	*5	<b>*</b> 8	* ~ 2
78	*4	44-	*2	*27	<b>*29</b>	*44	*54	<b>*</b> 5g	*33	* 30	*17	*-14	*- 24
79 1	⇒ <b>-</b> 5	<b>*</b> 6	*18	*15	<b>*29</b>	*42	<b>*</b> 53	<b>*50</b>	*38	*24	*7	*12	<b>* -</b> 9
éo (	<b>*</b> 9	*5	<b>*</b> 9	*22	*34	*45	<b>*</b> 56	*5 <i>2</i>	*40	*21	*10	*15	*(
81 1	*13	*-12	*14	<b>*30</b>	*35	*,44	*54	*52	*44	* 30	*23	<b>*</b> 8	**-1
52 (	*2	*-12	*16	<b>*21</b>	*31	+46	*54	*54	*44	*28	+19	<b>*</b> 7	<b>*-1</b> 2
83 [	<b>⇒18</b>	+19	*13	+14	*34	*39	*51	*55	*32	* 3 1	*16	*-6	* -(
84 1	*-8	*15	*13	*26	<b>*38</b>	*47	*58	<b>*53</b>	+30	<b>*25</b>	*16	*13	<b>+</b> -(
85 1	# <b>-</b> 3	*-6	*14	*22	*39	*39	<b>*50</b>	*47	<b>*29</b>	<b>*29</b>	*10	*2	* -4
86	ø <b>1</b> 9	*3	*24	<b>*3</b> 5	*32	*44	*54	*53	*38	*37	+17	*3	*.
87	*5	*18	*16	*28	*46	*49	*54						
PEAR	-1.0	9,2	10.3-	20.0	324-3	42.3	53,3	50.2	37.0	22.8	11.4	~.5	• • • • • • •
S.D.		5.718	4.822	8.246	3.674	4.739	3.495	3.250	4.975	6.477	5.857		
AL OBS	569	526	596	574	581	584	580	581	556	581	532	544	68 2

NOTES \* (BASEO ON LESS THAN FULL MONTHS)
# (AT LEAST ONE DAY LESS THAN 24 OBS)

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